## The Republic of the Union of Myanmar Ministry of Industry Transformation Unit



## TRANSFORMATION OF STATE-OWNED FACTORIES: STRATEGIC PROFILES

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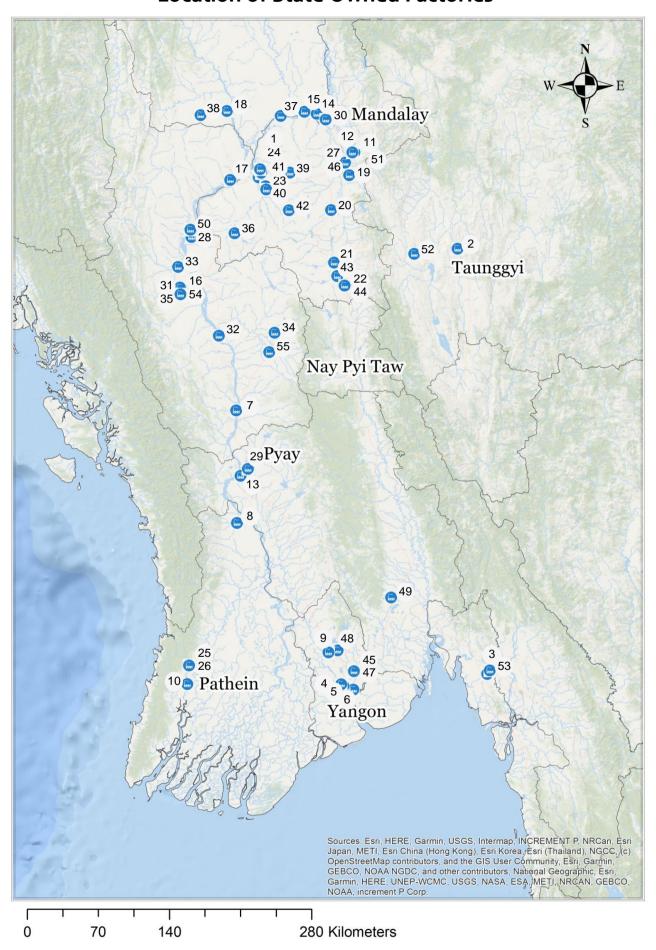
https://industry.gov.mm/announcements/343

#### Ministry of Industry

#### **List of State-Owned Factories**

Sr. No.	Factory Name	Sr. No.	Factory Name
1	Steel Mill (Myingyan)	29	Cotton Ginning Factory (Pyay)
2	Steel Mill (Pang Pet)	30	Cotton Ginning Factory (Sagaing)
3	Tyre Factory (Thaton)	31	Cotton Ginning Factory (Kanthagyi)
4	Rubber Products Factory (Thingangyun)	32	Cotton Ginning Factory (Minhla)
5	Solar Factory (South Dagon)	33	Cotton Ginning Factory (Salin)
6	LED Factory (Hlaing)	34	Cotton Ginning Factory (Taungdwingyi)
7	Cement Factory (Thayet)	35	Cotton Ginning Factory (Shauktaw)
8	Cement Factory (Kyangin)	36	Cotton Ginning Factory (Kyaukpadaung)
9	Asbestos Cement Sheet Factory (Hmawbi)	37	Cotton Ginning Factory (Myinmu)
10	Glass Factory (Pathein)	38	Cotton Ginning Factory (Pale)
11	Plastic Factory (Kyaukse)	39	Cotton Ginning Factory (Natogyi)
12	Refractory Brick Factory (Kyaukse)	40	Cotton Ginning Factory (Taungtha)
13	Spinning, Weaving and Finishing Factory (Shwedaung)	41	Cotton Ginning Factory (Myingyan)
14	Spinning and Weaving Factory (Sagaing)	42	Cotton Ginning Factory (Mahlaing)
15	Garment Factory (Sagaing)	43	Cotton Ginning Factory (Pyawbwe)
16	Spinning and Weaving Factory (Pwintphyu)	44	Cotton Ginning Factory (Yamethin)
17	Spinning and Weaving Factory (Pakokku)	45	Pharmaceutical Factory (Insein)
18	Spinning, Weaving and Garment Factory (Salingyi)	46	Pharmaceutical Factory (Inyaung)
19	Spinning Factory (Myittha)	47	Hepatitis B Vaccine Plant (YwarTharGyi)
20	Spinning and Weaving Factory (Wundwin)	48	Pharmaceutical Ingredient Factory (Hmawbi)
21	Spinning Factory (Pyawbwe)	49	Tapioca Starch Factory (Daik-U)
22	Weaving, Finishing and Garment Factory (Yamethin)	50	Beleric Myrobalan Oil Factory (Seikphyu)
23	Knitting and Garment Factory (Taungtha)	51	Purified Drinking Water Factory (Kyaukse)
24	Weaving, Dyeing and Printing Factory (Myingyan)	52	Horses and Sheep Breeding Farm (Heho)
25	High-Grade Paper Mill (Thabaung)	53	Thaton Industrial Park
26	Newsprint Paper Mill (Thabaung)	54	Horses and Sheep Breeding Farm (Pwintphyu
27	Home Utilities Factory (Minsu)	55	Horses and Sheep Breeding Farm (Yanpae)
28	Hydrogen Peroxide Factory (Chauk)		

### Ministry of Industry Location of State-Owned Factories



#### Steel Mill (Myingyan)

Location	Sar Khar Village, Myingyan Township, Mandalay Region, Myanmar.
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.
Background	The factory was established with the cooperation of Danieli Company (utilizing Italian technology) in order to produce steel billet and steel slabs. Phase I of the installation of equipment was completed in 2010. The equipment purchased for subsequent phases is stored at the site.

**Land Area** 

**Machines/Capacity** 

795 acres



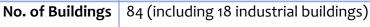


#### **Key Assets**

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Integrated Steel Mill	
Melt shop Plant-I	(200,000 Tons/year)
Melt shop Plant-II	(200,000 Tons/year)
Direct Reduction Plant	(450,000 Tons/year)
Hot Strip Mill	(200,000 Tons/year)
Cold Mill	(150,000 Tons/year)
Galvanizing Line	(150,000 Tons/year)
Slitting Line	( 70,000 Tons/year)
Profile & Forming Line	( 20,000 Tons/year)
Color Coating Line	( 20,000 Tons/year)
Section Mill	(380,000 Tons/year)
Rail Mill	(300,000 Tons/year)
Pipe Mill	(130,000 Tons/year)







No. of Employees 354

Products

Steel Billet, Steel Slab, Direct Reduction Iron, Hot Rolled Steel Coil, Hot Rolled Steel Sheet, Cold Rolled Steel Coil, Galvanized & Al-Zinc Coated Steel Coil, Colour Coated Steel Coil, Slit Coil, Profile & Formed Section Steel Sheet, Steel Section & Round and Steel Rail

#### Infrastructure

Electricity	230 kV line from the Thapyaywa Main Station and	
	Sembcorp Power Plant	
	Transformers: 85 MVA (4) units	
Natural Gas	Connected with Ø 10" Gas Pipeline from Shwe Offshore	
	Gas Pipeline	
Water Resource	Ø 10" tube well (10) Units and Ø 4" tube well (1) unit	
Transportation	Close to the Yangon-Myingyan Highway, Thazi-Myingyan	
	Railway and the Ayeyarwaddy River.	



#### **Key Features**

- The factory is an integrated steel mill, purchased from and partially installed by Danieli Company, Italy.
- ✓ The property offers convenient access to Mandalay, the economic center of Upper Myanmar and one of the major cities with facilities to collect scrap metal from vehicles which can be used in steel manufacturing.
- The property also enjoys easy access to the region's infrastructure, including the Lethtoke and Simeekhone Jetties located on the Ayeyarwaddy River, major arterial roads and the Thazi-Myingyan-Nyaung U Railway.
- There is a market opportunity for the steel mill as the growing Myanmar economy is giving rise to significant increases in construction, and therefore rising demand for steel. In the domestic market, there is a significant gap between the levels of steel production and demand.

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0 230 460 920 Kilometers

#### Legend



← Airport

Highway
Railway
Township





#### Steel Mill (Pang Pet)

Location	Taunggyi Township, Southern Shan State, Myanmar.
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.
Background	The steel mill is almost fully constructed with equipment utilizing Romelt technology. The raw materials used in the plant are readily available from nearby sources.











#### **Key Assets**

Land Area	5122.16 acres
Machines/Capacity	Romelt Plant (Russian Technology) (Pig Iron – 200,000 Tons/ year)
No. of Buildings	114 (including 28 industrial buildings)
No. of Employees	248
Products	Pig Iron





#### Infrastructure

Electricity	<ul> <li>132 kV line from the Kalaw Substation</li> <li>Transformers: 40MVA (2) units</li> </ul>
Natural Gas	Connected to the Pyinyaung Substation (Shwe
	Offshore Gas Pipeline)
	onshore dus ripeline)
Water Resource	Supply from the Nantafat Creek
Transformation	Close to the Meiktila-Taunggyi-Tachileik Union Highway









- ✓ The factory has access to the necessary raw materials. Permits from the Myanmar Government are available for access to mineral deposits of 10.7 million tons of hematite (with Fe 56.4 %), 59.3 million tons of limonite (with Fe 42.6 %) and other mineral inputs (such as lime, dolomite, coal and silica sand).
- ✓ The property could produce energy from its heat recovery power station (which has an installed capacity of 40 MW) and export any surplus electric power to the national grid.
- ✓ The mill is part of an efficient supply chain due to its location close to the Meiktila-Taunggyi-Tachileik Union Highway.
- ✓ There is a market opportunity for the steel mill as the growing Myanmar economy is giving rise to significant increases in construction, and therefore rising demand for steel. In the domestic market, there is a significant gap between the levels of steel production and demand.

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0 230 460 920 Kilometers

#### Legend



Steel Mill (Pang Pet)



Industrial Zone



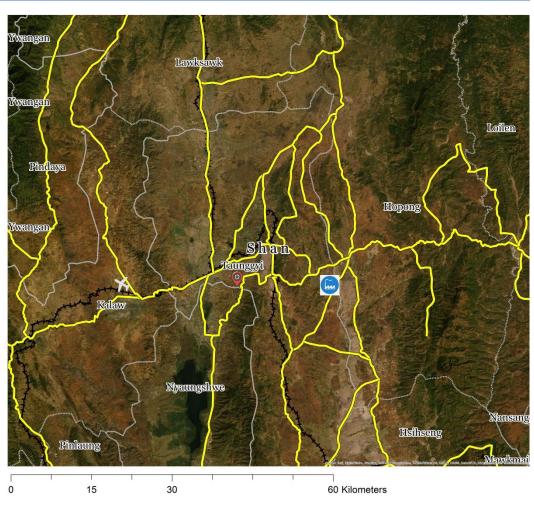
Airport











#### Tyre Factory (Thaton)

Location	Thaton Township, Mon State, Myanmar.
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.
Background	The factory was established under a Cooperation Agreement between the Czech and Myanmar Governments to produce bias tyre, utilizing Czech technology. Commercial operation commenced in 1985.





#### **Key Assets**

Land Area	1056.37 acres (including factory area of 40 acres)
Machines/Capacity	Bias tyres - 150,000 units/year Machines are ready to operate without major repair
No. of Buildings	283
No. of Employees	319
Products	Varieties of Bias Tyre (passenger tyres, light truck tyres, heavy truck tyres and agricultural tyres)







#### Infrastructure

Electricity	<ul> <li>6.6 kV line from the Thaton Substation</li> <li>Transformers: 1000 kVA (24) units</li> </ul>
Steam	1.5 MPa, (15 ~ 20) Tons/hour from the Thaton Substation
Water Resource	Supply from the Domthami Stream
Transportation	Close to the Asian Highway 1 (AH-1)

#### **Key Features**

- ✓ The factory has access to an abundant supply of natural rubber due to its location at the center of rubber plantation areas in Myanmar Mon State, Bago Region and Tanintharyi Region.
- ✓ The location of the factory along the Yangon-Myawaddy Highway and near Myawaddy (the Myanmar-Thailand Border Trade Area) contributes to supply chain efficiency and access to customer markets.
- ✓ Skilled and experienced local workers are readily available in the area.
- ✓ Essential utilities (electricity, steam and water) are integrated into the manufacturing process.

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#### Legend



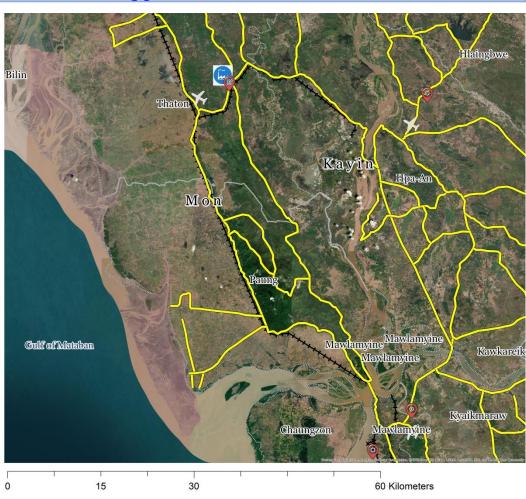
Industrial Zone



----- Railway







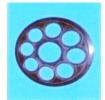
#### **Rubber Products Factory (Thingangyun)**

Location	No. 286, Natsin Pyon Street, Za Taung Ward, Thingangyun Township, Yangon Region, Myanmar.
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.
Background	Commercial operation commenced in 1968. As the factory is located in a residential area, it may be suitable for other commercial or residential purposes.

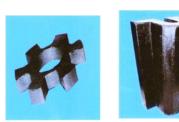














Land Area	1.562 acres
No. of Buildings	13
No. of Employees	109
Products	Variety of forming rubber, such as Rubber Fender (Big), Cap for Belt, Coupling, Rubber Wheel, Rubber Ball, Star Coupling, Rubber Connector, Valve Seal and Sealing Cap T-206





#### Infrastructure





Electricity	Connected to the Yangon Electricity Supply Corporation (YESC), Thuwanna Substation
Fuel Oil	Myanma Petrochemical Enterprise (MPE), No. 1 Oil Refinery Factory (Thanlyin)
Water Resource	Ø 4" tube well, Ø 2" tube well Ø 1" water pipe supply by Yangon City Development Committee (YCDC)

#### **Key Features**

- ✓ It is potentially suitable for other commercial or residential purposes as it is located in the middle of an attractive residential and commercial area in Yangon, with adequate utilities (such as electricity and water supply).
- ✓ It is situated in a strategic location, about 9 km from Shwedagon Pagoda, 11 km from Sule Pagoda and the City Hall and 14 km from Yangon International Airport, giving it easy access to all of Yangon.

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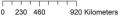
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#### Legend

Rubber Products Factory (Thingangyun)

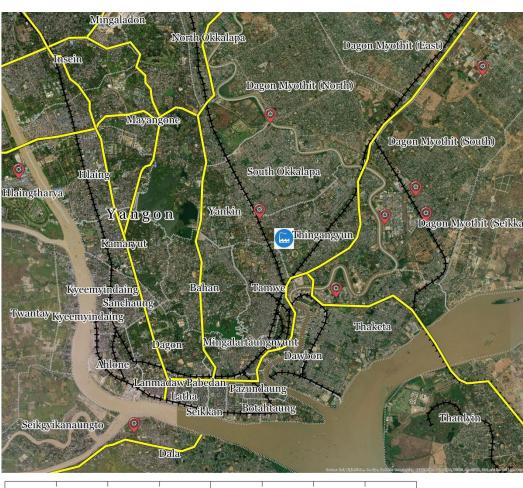


Airport

— Highway — Railway

Township





7.5

15 Kilometers

#### **Solar Factory (South Dagon)**

Location	No. 476, Moegoke Street, 23 Ward, Industrial Zone 1, South Dagon, Yangon Region, Myanmar.
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.
Background	Commercial production commenced in 2011. Although the factory has older technology, the land has a good location, and could be used for other commercial purposes.





#### **Key Assets**

Land Area	6.927 acres
Machines/ Capacity	Solar Panel Line (6 MW/year)
No. of Buildings	16 (including 9 industrial buildings)
No. of Employees	79
Products	Solar Panels



#### Infrastructure



Electricity	•	Connected to Myanma Electricity Supply
-		Enterprise (ESE)
	•	Transformers: 300 kVA (2) units

Water Resource Ø 2" pipeline from South Dagon Industrial Zone Water Supply

#### **Key Features**

The factory is potentially suitable for other commercial purposes as:

- ✓ it is located in the middle of a popular industrial zone (Industrial Zone 1 South Dagon, Yangon);
- ✓ it has easy access to all of Yangon through the Thuwanna-South Dagon new bridge; and
- it has access to infrastructure (land about 7 acres and 16 buildings) and utilities (electricity with its own transformers and water supply).

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#### Legend



Solar Factory (South Dagon)



Industrial Zone

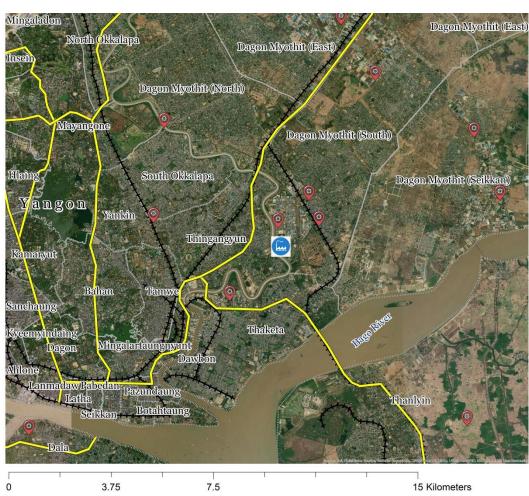


Airport









#### **LED Factory (Hlaing)**

Location	No.34, Parami Road, 12 Ward, Hlaing Township, Yangon Region, Myanmar.	
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.	
Background	Commercial Production commenced in 2009. As the factory is located in the central area of Yangon, it may be suitable for other commercial or residential purposes.	





#### **Key Assets**

Land Area	1.316 acres
No. of Buildings	11 (including 7 industrial buildings)
No. of Employees	45



#### Infrastructure

Electricity	Enterprise (ESE)  • Transformer: 300 KVA (1) unit
Water Resource	Supply with Ø 2" pipeline from water supply system of Yangon City Development Committee (YCDC)



#### **Key Features**

- The site may be suitable for other commercial purposes (such as a training center, offices or retail premises) as it is close to the MICT Commercial Park. It may also be suitable for residential purposes.
- ✓ It has easy access to all of Yangon as it is situated at the corner of the Mindama Road and the Parami Road and is close to the Pyay Road and the Insein Road.
- ✓ It has access to utilities (electricity and water).

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#### Legend

LED Factory (Hlaing)



Industrial Zone



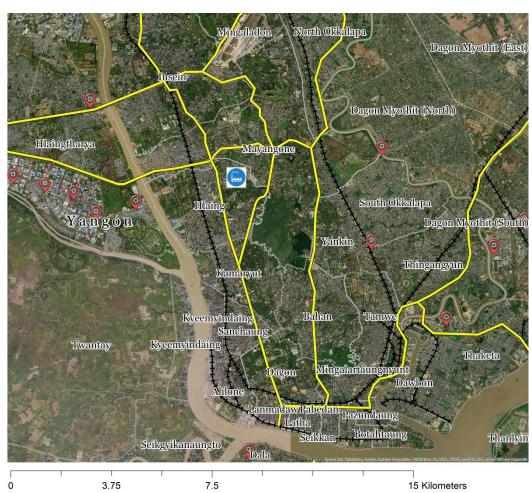
Airport

— Highway

----- Railway

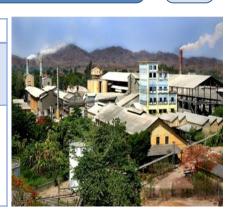
Township





#### **Cement Factory (Thayet)**

Location	Thayet Township, Magway Region, Myanmar.	
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.	
Background	The factory was established in 1937 as the very first cement factory in Myanmar, utilizing Danish technology. Products were distributed under the brand name "Horse Head", a well-known brand in Myanmar.	





#### **Key Assets**

Land Area	209.71 acres (including factory area of 32.28 acres)
Machines/Capacity	Operating in wet process Kiln - 400 Tons/day (2 lines) Kiln 300 Tons/day (1 line) Machines have been regularly maintained and can be used without major repair.
No. of Buildings	168 (including 47 industrial buildings)
No. of Employees	523 Including: M.E (2), B.E/B.Tech (6), Certified Technicians (30)
Products	Ordinary Portland Cement, Oil-Well Cement





#### Infrastructure

Electricity	<ul> <li>66 kV line from the Taungdwin Substation</li> <li>Transformers: 9 MVA (2) units</li> </ul>
Steam	Connected to Yadana gas Offshore (MOGE) with Ø 6" Gas Pipeline
Water Resource	Supply from the Ayeyarwaddy River
Transportation	Close to the Thayet-Minhla-Minbu Railway, Thayet-Kanma Railway, Mandalay-Aunglan-Pyay- Yangon Highway and Aunglan-Magway Road



#### 7

#### **Key Features**

- ✓ In line with the growth in Myanmar's construction industry, the cement sector has high growth potential in Myanmar.
- ✓ The factory has access to the necessary raw materials hematite from Aunglan, Pyay and Sin Paung Wal Townships and gypsum from Hsibaw, Shan State. A limestone mine is connected to the factory via a Ropeway/Sky Cable of approximately 3.6 km.
- Raw yard and accessories, cement silos and jetty with conveyor lines are available at the factory.
- ✓ The factory's land area of more than 200 acres adjoins a Railway, roads and the Ayeyarwaddy River.
- ✓ Skilled and experienced local workers are readily available in the area.
- ✓ It has access to infrastructure (land and buildings) and utilities (electricity and water).

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#### Legend





Highway
Railway







#### **Cement Factory (Kyangin)**

Location	Kyangin Township, Ayeyarwaddy Region, Myanmar.
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.
Background	The factory was established in 1970 utilizing Japanese technology. Products were distributed under the brand name "Horse Head", a well-known brand in Myanmar.







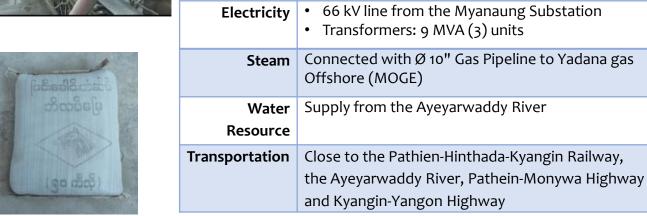
#### **Key Assets**

	Land Area	727.378 acres (including factory area of 145.45 acres)
	Machines/Capacity	Operating in wet process Kiln 400 Tons/day (4 lines) Cement 360,000 Tons/year Machines have been regularly maintained and can be used without major repair.
	No. of Buildings	270 (including 83 industrial buildings)
	No. of Employees	705 Including: B.E/B.Tech (11), Certified Technicians (63)
	Products	Ordinary Portland Cement (OPC), Rapid Hardening Portland Cement (RHPC)





#### Infrastructure





#### **Key Features**

- ✓ In line with the growth in Myanmar's construction industry, the cement sector has high growth potential in Myanmar.
- Availability of raw materials: close to a limestone quarry (about 32 million tons) and Natmetaung limestone quarry (about 10 million tons), as a reserve, and laterite from Thantaung (about 4.86 million tons).
- Equipped with efficient logistics facilities (such as raw yard and accessories, cement silos, loading jetty with conveyor lines and electric locomotive to transport the raw material to the factory).
- ✓ Skilled and experienced local workers are readily available in the area.
- ✓ It has access to infrastructure (land and buildings) and utilities (electricity and water).
- ✓ The factory is well connected by means of railway, roads and the Ayeyarwaddy River, especially to Rakhine State, Ayeyarwaddy Region and Bago (west) Region.

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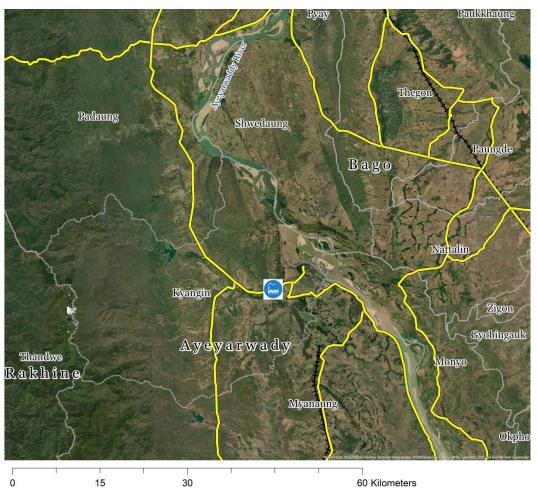
#### Legend





Railway

Township



#### **Asbestos Cement Sheet Factory (Hmawbi)**

Location	Wanetchaung Sanpya Village, Hmawbi Township, Yangon Region, Myanmar.	
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.	
Background	Commercial operation commenced in 1984 utilizing French technology. The factory is well located and can be used for other commercial purposes.	







#### **Key Assets**

Land Area	191.69 acres (including factory area of 29.3 acres)
Machines/Capacity	Roof Sheet - 164,286 Sheets/year
	Ceiling Sheet (4' x 4') - 480,000 Sheets/year
No. of Buildings	59 (including 2 industrial buildings)
No. of Employees	134
Products	Roof Sheet and Ceiling Sheet



#### Infrastructure

Electricity	<ul> <li>33 kV line from the Myaungtagar Substation</li> <li>Transformers: 1250 kVA (1) unit, 300 kVA (3) units</li> </ul>
Water	Ø 8" tube well (4 units)
Resource	
Transportation Close to the Yangon- Pyay Highway and	



#### **Key Features**

- ✓ The factory is approximately 11 km away from Hmawbi which is connected to other major cities by roads (including the Yangon-Pyay Highway) and railway (the Yangon-Pyay Railway).
- ✓ It is about 60 km away from Yangon, the commercial city of Myanmar.
- ✓ Due to its strategic location it has high potential for other industrial or commercial purposes.
- ✓ It has access to infrastructure (land and buildings) and utilities (electricity and water).

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0 230 460 920 Kilometers

#### Legend



Asbestos Cement Sheet Factory (Hmawbi)



Industrial Zone

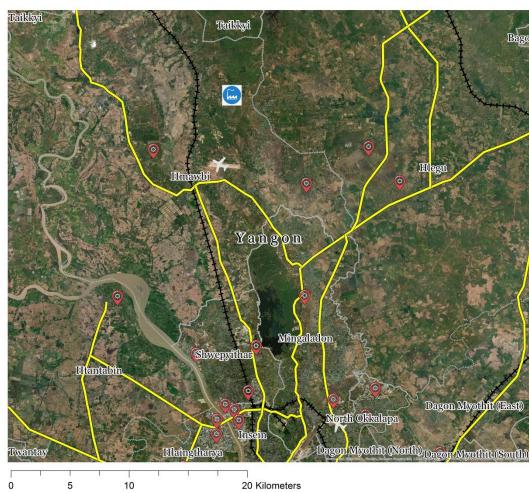


Airport



Township





#### **Glass Factory (Pathein)**

Location	Pathein Township, Ayeyarwaddy Region, Myanmar.	
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.	
Background	The factory was established in 1980 to produce glass sheet utilizing Japanese technology. The factory uses high quality sand (with a consistent content of SiO <sub>2</sub> ) from Ale-man Island (Ale-man Kyun).	





#### **Key Assets**

Land Area	678.5 acres (including factory area of 195.43 acres)
Machines/Capacity	Furnace 30 Tons/day (Japanese technology) Clear glass 9600 Tons/year
No. of Buildings	140 (including 11 industrial buildings)
No. of Employees	245
Products	Clear Glass



#### Infrastructure



Electricity	<ul> <li>66 kV line from the Kankone Substation</li> <li>Transformers: 750 kVA (1) unit, 500 kVA (2) units, 300 kVA (3) units, 150 kVA (2) units</li> </ul>
Water Resource	Supply from the Ngawun River
Transportation	Close to the Pathein-Yangon Highway and the Ngawun River

#### **Key Features**

- ✓ The factory is approximately 10 km away from Pathein which is located at the center of the Ayeyarwaddy Delta.
- The factory can easily access the international waterway as it located at the east bank of the Ngawun River and about 226 km away from Thilawa international port, Yangon and about 600 km away from Kyaukphyu Deep Sea Port, Rakhine State.
- ✓ The high quality sand is available from Ale-man Island (Ale-man Kyun), approximately 502 nautical miles away from the factory.
- ✓ It has access to infrastructure (land and buildings) and utilities (electricity and water).

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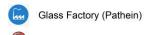
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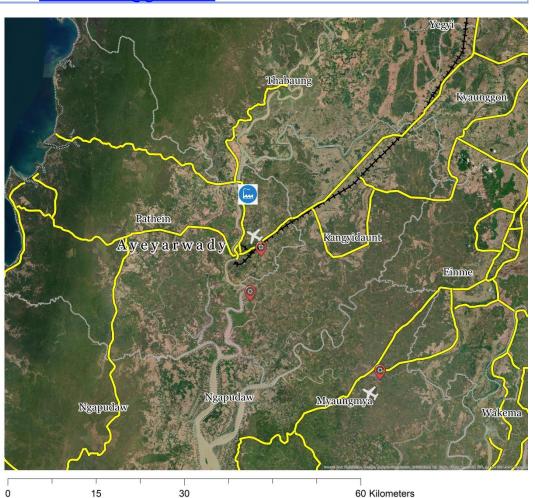
#### Legend



Industrial Zone







#### Plastic Factory (Kyaukse)

Location	Kyaukse Township, Mandalay Region, Myanmar.	
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.	
Background	Commercial operation commenced in 2004. PP Woven Bag Line and PP Lamination Line were installed by Junky Enterprise Co., Ltd from Singapore. Due to its strategic location, the factory could be used for other commercial purposes.	





#### **Key Assets**

Land Area

	Machines/Capacity	Flat Yarn Making Machine (YT 350 Taiwan)/ 43 kg/hour PP Yarn Making Machine (Taiwan) 43 kg/hour 4,608,000 Bags/year
	No. of Buildings	27 (including 5 industrial buildings)
	No. of Employees	50
	Products	Cement Plastic Bags and Weaving Plastic Bags

28.94 acres



# PORTLAND CEMENT CONFORMING TO EN 107 - 1 2000 + AN 2000 EXPORT QUALITY PRODUCT OF MODIFIER PRODUCTION AND STREET PARTY MINISTRY OF MODIFIER PARTY MEETING PORTLAND MEETING MODIFIER PRODUCTION AND STREET PARTY MEETING PORTLAND MEETING MODIFIER PRODUCTION AND STREET PARTY METING MODIFIER PRODUCTION AND STREET PRODUCTION AND



#### Infrastructure

Electricity	<ul> <li>33 kV line from the Inngone Substation</li> <li>Transformers: 500 kVA (2) units</li> </ul>
	Ø 8" tube well (1) unit Ø 2" tube well (2) units
Transportation	Close to the Yangon - Mandalay Railway and Yangon - Mandalay Highway

#### **Key Features**

The factory can be used for other commercial purposes as:

- ✓ it is strategically located in the Kyaukse Industrial Zone which is about 40.54 km from Mandalay, the economic hub of Upper Myanmar;
- ✓ Kyaukse is well connected to other major cities by means of the Yangon-Mandalay Highway and Yangon-Mandalay Railway; and
- it has access to infrastructure (land and buildings) and utilities (electricity and water).

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#### Legend

Ĩ.

Plastic Factory (Kyaukse)



Industrial Zone



Airport



- Railway







#### Refractory Brick Factory (Kyaukse)

Location	Kyaukse Township, Mandalay Region, Myanmar.
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.
Background	Commercial operation commenced in 2005. Refractory Brick Production line especially for cement factory was installed by China National Building Material & Equipment Import & Export Corporation (CBMEC) Co., Ltd.









#### **Key Assets**

Land Area	49.97 acres
Machines/Capacity	Press Machine (2500 Tons/year)
No. of Buildings	53 (including 18 industrial buildings)
No. of Employees	39
Products	Fire Clay Bricks, High Alumina Bricks, Magnesite Chrome Bricks

#### Infrastructure

Electricity	<ul><li>33 kV line from the Inngone Substation</li><li>Transformers: 630 kVA (1) units</li></ul>
Natural Gas	Connected to the Factory Substation (inland natural gas line)
Transportation	Close to the Yangon - Mandalay Railway and Yangon - Mandalay Highway

#### **Key Features**

The factory can be used for other commercial purposes as:

- it is strategically located in the Kyaukse Industrial Zone which is about 40.54 km from Mandalay, the economic hub of Upper Myanmar;
- ✓ Kyaukse is well connected to other major cities by means of the Yangon-Mandalay Highway and Yangon-Mandalay Railway; and
- ✓ it has access to infrastructure (land and buildings) and utilities (electricity and water).

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0 230 460 920 Kilometers

#### Legend

Refractory Brick Factory(Kyaukse)



Industrial Zone



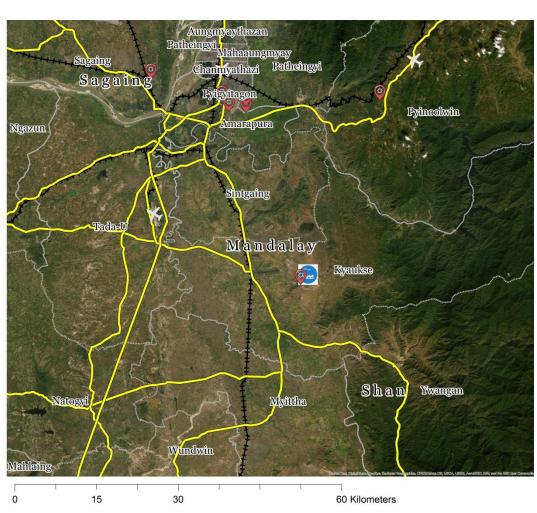
Airport



Railway







#### Spinning, Weaving and Finishing Factory (Shwedaung)

Location	Shwedaung Township, Bago Region, Myanmar.
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.
Background	The spinning and weaving production commenced in 1982 with technology from China National Complete Plant Export Corporation (CNCPEC).  The finishing plant was implemented by Total Textile International Ltd. (UK) in 1990.  The spinning, weaving and finishing processes were integrated in 1991.  The factory has been regularly maintained and the machines can be used for production without major repair.







#### **Key Assets**

**Land Area** 643.9 acres

	(including factory area of 149.84 acres and Specialized Textile & Garment Zone Area 127.06 acres)
Machines/Capacity	Spinning Machines (1,264,000 lbs/year) Weaving Machines (2,649,000 yards/year) Finishing Machines (4,320,000 yards/year)
No. of Buildings	246 (including 27 industrial buildings and 25 warehouses)
No. of Employees	1169 (including 104 persons attached)
Products	1/7 ~ 1/40 100 % Cotton, Grey Fabrics, Dyed and Printed Fabrics



#### Infrastructure





- 66 kV line from the Shwedaung Substation
   Transformers: 10 MVA (1) unit, 1000 kVA (8)
- units, 750 kVA (1) unit, 300 kVA (4) units,

  Natural Gas
  Connected with Ø 4" pipeline from the
  Shwedaung Substation (Yadana gas offshore)

  Water
  Resource

  Transportation
  Collocated next to the Yangon-Pyay-Mandalay

the Ayeyarwaddy River

Highway, close to the Yangon-Pyay Railway and

- ✓ A unique textile factory in Myanmar that can operate along the whole supply chain (from cotton fiber to finished fabrics).
- ✓ The factory is conveniently located within the cotton plantation areas of Myanmar (Aunglan, Wethtikan and Paukkhaung) with an abundance of cotton supply.
- ✓ Shwedaung, the most famous city in Myanmar for its traditional textile design and products, offers skilled and experienced personnel for textile sector.
- ✓ Over 600 acres of factory compound with access to electricity and water supply is also suitable for a textile industrial park or textile institute in the future.
- The compound is suitable to be used for the development of cultural industries due to its proximity to Sri kestra (Tharay-Khit-taya), one of the world heritage sites (11.3 km away).

#### **Contact Person**

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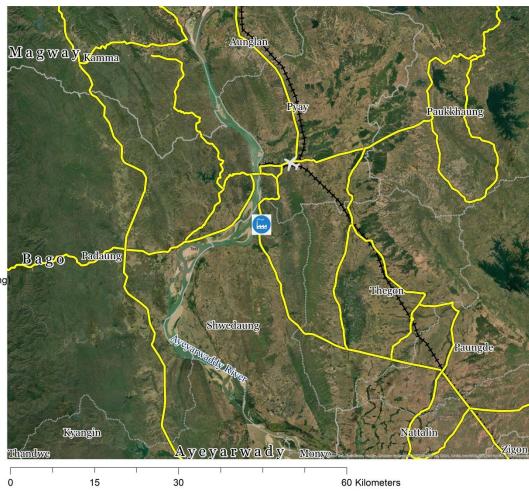


230 460 920 Kilometers

#### Legend







#### **Spinning and Weaving Factory (Sagaing)**

Location	Sagaing Township, Sagaing Region, Myanmar.
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.
Background	Commercial operation commenced in 1972. The machines are regularly maintained and can be used without major repair.









Land Area	356.47 acres
Machines/ Capacity	Spinning Machines (1,632,000 lbs/year) Weaving Machines (2,640,000 yards/year)
No. of Buildings	215 (including 14 industrial buildings and 5 warehouses)
No. of Employees	588
Products	100% Cotton Yarn , Polyester Blended Yarn and Grey Fabric (Bandage, Gauze)



#### Infrastructure

Electricity	<ul> <li>33 kV line from the Ohndaw Substation</li> <li>Transformers: 6000 kVA (1) unit, 1300 kVA (2) units, 750 kVA (1) unit, 500 kVA (2) units, 400 kVA (3) units, 100 kVA (1) unit</li> </ul>
Water	Supply from the Ayeyarwaddy River
Resource	
Transportation	Close to the Sagaing-Monywa Highway, collocated next to the Sagaing-Monywa Railway and the Ayeyawaddy River

#### **Key Features**

The factory can be further extended into the whole textile supply chain from cotton fiber to fabric as:

- ✓ it is strategically located at the heart of textile sector in Myanmar and close to the textile hubs such as Amarapura (37 km), Mandalay (51 km) and Monywa (110 km);
- it is well connected with the whole of Myanmar and neighboring countries by means of highways (Mandalay-Muse-Shweli to the China Border, Mandalay-Monywa-Tamu to the India Border and the Mandalay-Myitkyina Highway) and also with the Mandalay-Myitkyina Railway and the Ayeyarwaddy River;
- ✓ it has access to infrastructure (land and buildings) and utilities (electricity and water); and
- the Garment Factory (Sagaing), with 261.92 acres of land, and the Cotton Ginning Factory (Sagaing), with 1.95 acres, are also located in the same township.

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0 230 460 920 Kilometers

#### Legend

Spinning & Weaving Factory (Sagaing)



Industrial Zone

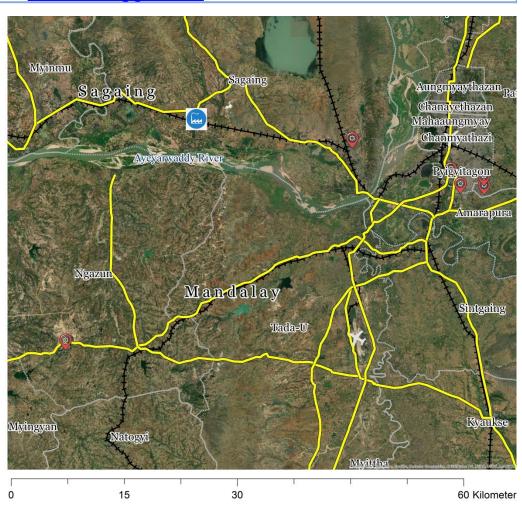


Airport



Township





#### **Garment Factory (Sagaing)**

Location	Sagaing Township, Sagaing Region, Myanmar.
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.
Background	Commercial operation commenced in 1990.





#### **Key Assets**

Land Area	261.92 acres
	6 (including 1 industrial building and 4 warehouses)
No. of Employees	154



#### Infrastructure

	Electricity	<ul> <li>33 kV line from the Ohndaw Substation</li> <li>Transformers: 2500 kVA (1) unit, 315 kVA (1) unit, 300 kVA (2) units &amp; 50 kVA (1) unit</li> </ul>
	Water Resource	Ø 4" tube well (3) units
	Transportation	Close to the Mandalay-Monywa Highway and the Mandalay-Myitkyina Railway





#### **Key Features**

The factory can be further extended into the whole textile supply chain from cotton fiber to finished apparel as:

- it is strategically located at the heart of textile sector in Myanmar and close to the textile hubs such as Amarapura (14 km), Mandalay (29 km) and Monywa (132 km);
- ✓ it is well connected with the whole of Myanmar and neighboring countries by means of highways (Mandalay-Muse-Shweli to the China Border, Mandalay-Monywa-Tamu to the India Border and the Mandalay-Myitkyina Highway) and also with the Mandalay-Myitkyina Railway and the Ayeyarwaddy River;
- ✓ it has access to infrastructure (land and buildings) and utilities (electricity and water); and
- the Spinning and Weaving Factory (Sagaing), with 356.47 acres of land, and the Cotton Ginning Factory (Sagaing), with 1.95 acres, are also located in the same township.

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#### Legend



Industrial Zone

Airport
Highway

---- Railway

Township





#### Spinning and Weaving Factory (PwintPhyu/Pwintbyu)

Location	PwintPhyu Township, Magway Region, Myanmar.
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.
Background	Commercial operation commenced in 2005. The machines are regularly maintained and can be used without major repair.





#### **Key Assets**

**Land Area** 

		(including factory area of 77.91 acres)
	Machines/Capacity	Spinning Machines (Ring)(2,380,000 lbs/year) Weaving Machines (Rapier) (4,700,000 yards/year) Sewing Machines (333,730 lbs/year) Machines were installed by Tianjin Universal Machinery Import and Export Corporation (China).
	No. of Buildings	106 (including 29 industrial buildings and 2 warehouses)
	No. of Employees	788
	Products	1/7 ~ 1/40 Carded Cotton & PC Yarn, 1/40 Combed Yarn, Multi Grey Fabrics & Shirting Fabrics and Sewing Threads

384.71 acres





#### Infrastructure

Electricity	• 33 kV line from the Minbu Substation
	Transformers: 4000 kVA (2) units, 1250 kVA
	(6) units, 300 kVA (3) units
Natural Gas	Connected with Ø 4" pipeline from inland natural
for Boiler	gas line (MOGE)
Water	Supply from the Mon River (Mohn Chaung)
Resource	
Transportation	Close to the Magway-Minbu-Seikphyu-Mandalay
	Highway and the Pathein-Monywa Highway



#### **Key Features**

- ✓ The fabric products of Pwintphyu factory (especially the weaving looms with width 62") play an important role for the development of the local garment sector in Myanmar.
- The factory has a good supply of raw material (cotton) as it is located near the cotton cultivation areas (such as Minhla and Salin).
- ✓ It is the sole manufacturer of sewing thread in Myanmar.
- ✓ It has access to infrastructure (land and buildings) and utilities (electricity and water).
- Experienced employees are available.

#### **Contact Person**

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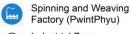
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#### Legend

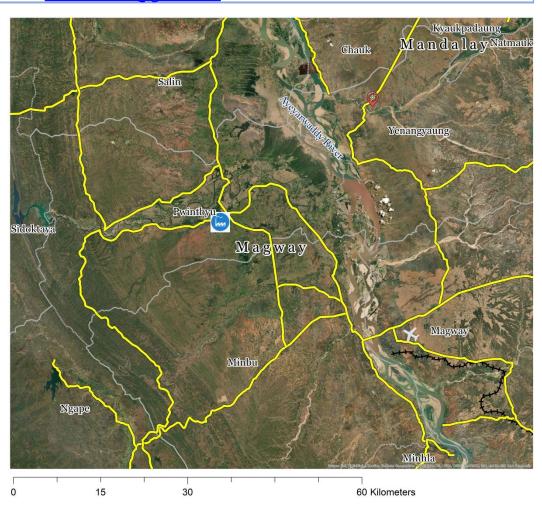






Railway
Township





# Spinning and Weaving Factory (Pakokku)

Location	Pakokku Township, Magway Region, Myanmar.
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.
Background	Commercial operation commenced in 2005.  Machines are regularly maintained and can be used without major repair.

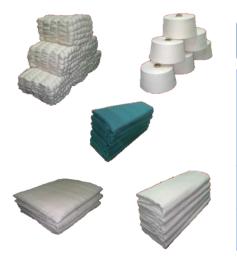






# **Key Assets**

Land Area	341.01 acres (including factory area of 160.35 acres)
Machines/	Spinning Machines (Ring) (2,374,000 lbs/year)
Capacity	Weaving Machines(Shuttle)(5,539,000 yards/year)
	Machines were installed by Tianjin Universal
	Machinery Import and Export Corporation
	(China).
No. of	107 (including 22 industrial buildings and 2
Buildings	warehouses)
No. of	541
Employees	
Products	1/21 ~ 1/40 100% Cotton Yarn & Polyester-Cotton
	Blended Yarn and Grey Fabrics (100 % Cotton & Polyester-Cotton Blended Fabrics)



### Infrastructure

Electricity	<ul> <li>66 kV line from the Buddhagone Substation</li> <li>Transformers: 10 MVA (1) unit, 1600 kVA (2) units, 1250 kVA (2) units, 1000 kVA (2) units, 750 kVA (1) unit, 500 kVA (1) unit, 300 kVA (3) units</li> </ul>
Water	Supply from the Ayeyarwaddy River
Resource	
Transportation	Close to the Pakokku-Yesagyo Road and the Ayeyarwady River

- ✓ Over 340 acres of land are well provided with utilities (electricity, natural gas and water). The land is large enough and well equipped to be extended further into the whole textile supply chain from ginning, cotton fiber to printed fabric.
- ✓ Pakokku is well known for its traditional textile firms, thus the factory is well connected to its downstream supply chain.
- ✓ It is also connected to major cities and surrounding areas by means of roads (Pakokku-Mindat Road, Pakokku-Myaing-Gangaw Road, Pakokku-Mandalay Road, Pakokku-Monywa-Kalay to India Border) and the Ayeyarwaddy River.

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#### Legend

Spinning & Weaving Factory (Pakokku)

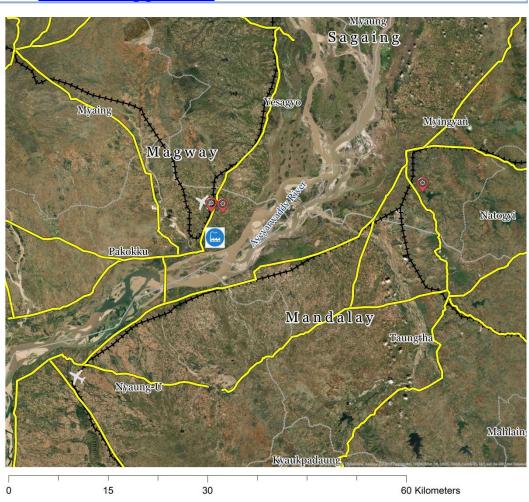


Industrial Zone









# Spinning, Weaving and Garment Factory (Salingyi)

Location	Salingyi Township, Sagaing Region, Myanmar.
Owner	Ministry of Industry,
	The Government of the Republic of the Union of
	Myanmar.
Background	Commercial operation commenced in 2005 using a
	variety of different types of yarn and fabrics.
	Garment section was added in 2013 in order to
	promote the livelihood of the community.













# **Key Assets**

Land Area	429.09 acres (including factory area of 38.43 acres)
Machines/Capacity	Spinning Machines (Ring) / (2,473,000 lbs/year) Weaving Machines (Shuttle) / (5,539,000 yards/year) Single Needle Lock Stitch Machines(161 units) Machines were installed by Tianjin Universal Machinery Import and Export Corporation (China). Machines are regularly maintained and can be used without major repair.
No. of Buildings	76 (including 7 industrial buildings and 3 warehouses)
No. of Employees	577
Products	1/21 ~ 1/40 100 % Cotton Yarn & Polyester- Cotton Blended Yarn, Grey Fabrics and Apparel

# Infrastructure

Electricity	<ul> <li>33 kV line from the Nyaungpingyi Substation</li> <li>Transformers: 10 MVA (1) unit, 1600 kVA (2) units, 1250 kVA (2) units, 800 kVA (2) units, 400 kVA (1) unit, 300 kVA (3) units</li> </ul>
Water	Supply from the Chindwin River
Resource	
Transportation	Close to the Pathein-Monywa Highway, the
	Mandalay-Monywa-Kale Road and the Chindwin
	River

### **Key Features**

- ✓ The factory has over 400 acres of land and access to utilities (electricity and water). The land has enough area and is well equipped to be extended further into the whole textile supply chain from cotton fiber to apparel.
- ✓ It has a good supply of raw material (cotton) as it is situated near the cotton cultivation areas (such as Salingyi, Myinmu and Pale).
- There is easy distribution of its final products as it is only 45 km away from Monywa (traditional textile hub), 171 km from Mandalay (trade and cultural hub in Myanmar) and 400 km from Tamu (India trade border).
- It is also connected to major cities and surrounding areas by means of roads (Monywa-Gangaw-Kale Road, Monywa-Sagaing-Mandalay Road, Monywa-Kalewa-Mawlaik-Tamu Road to India border) and the Chindwin River.

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0 230 460 920 Kilometers

#### Legend

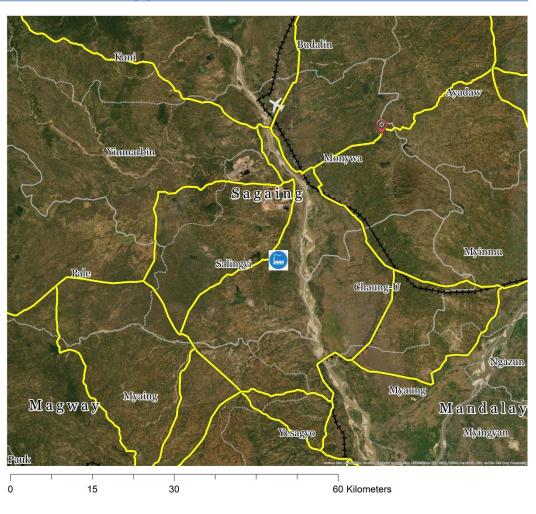






Railway
Township





# **Spinning Factory (Myittha)**

Location	Myittha Township, Mandalay Region, Myanmar.
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.
Background	Commercial operation commenced in 2009.  Machines are regularly maintained and can be used without major repair.





# **Key Assets**

Land Area	40.97 acres (including factory area of 13.90 acres)
Machines/ Capacity	Spinning Machines (Ring) (2,406,000 lbs/year) Spinning Machines (Open-End) (287,000 lbs/year) Machines were installed by Tianjin Universal Machinery Import and Export Corporation (China).
No. of Buildings	60 (including 15 industrial buildings and 4 warehouses)
No. of Employees	174
Products	1/7 ~ 1/40 Carded Yarn and 1/40 Combed Yarn



### Infrastructure



Electricity	<ul> <li>33 kV line from the Inngone Substation</li> <li>Transformers: 5 MVA (1) unit, 1600 kVA (2) units, 1250 kVA (1) unit, 300 kVA (1) unit</li> </ul>
Water Resource	Ø 8" tube well (2) units
Transportation	Collocated next to the Yangon-Mandalay Highway and close to the Yangon-Mandalay Railway

- ✓ The location of Myittha Spinning Factory is close to its customers as it is located in the heart of the traditional textile hubs (such as Amarapura, Wundwin and Meiktila).
- ✓ The factory has a good supply of raw material (cotton) as it is situated in the cotton cultivation areas (such as Myittha, Kume and Meiktila).
- ✓ It is well connected by means of railway and roads.
- ✓ It has access to infrastructure (land and buildings) and utilities (electricity and water).

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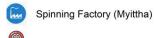
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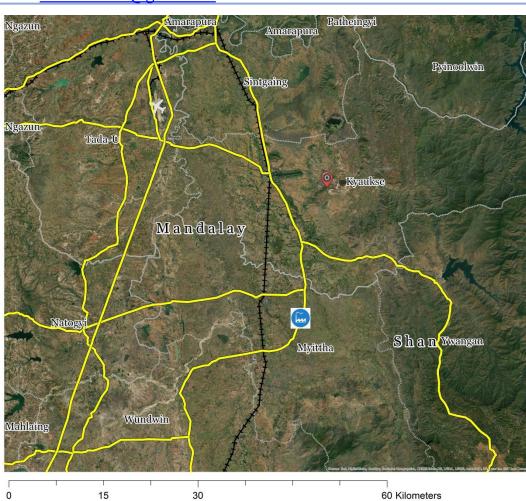
#### Legend



Industrial Zone







# **Spinning and Weaving Factory (Wundwin)**

Location	Wundwin Township, Mandalay Region, Myanmar.
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.
Background	Commercial operation commenced in 1964. The weaving machines are regularly maintained and can be used in production without major repair.













# **Key Assets**

Land Area	19.175 acres (including factory area of 9.6 acres)
Machines/ Capacity	Weaving Machines (1/21 Men's wear Longyi 393,500 pieces/year)
No. of Buildings	72 (including 22 industrial buildings and 8 warehouses)
No. of Employees	211
Products	Men's wear traditional Longyi, Women's wear traditional Longyi and Grey Fabric

## Infrastructure

Electricity	<ul> <li>33 kV line from the Thapyaywa Substation</li> <li>Transformers: 1000 kVA (1) unit, 500 kVA (1) unit, 300 kVA (1) unit, 50 kVA (1) unit</li> </ul>
Water Resource	$\emptyset$ 4" tube well (2) units and $\emptyset$ 2" tube well (1) unit
Transportation	Collocated next to the Yangon- Mandalay Highway and close to the Yangon- Mandalay Railway

- ✓ Wundwin is famous as a traditional textile cottage hub in Myanmar.
- The factory is located at the center of textile industry and close to the upstream supply chain for raw materials (47 km away from the Myittha Spinning Factory and 72 km from the Pyawbwe Spinning Factory) and the downstream supply chain for finished fabric (22 km away from the Meiktila Industrial Park, 118 km from Mandalay and 532 km from Yangon).
- ✓ It is connected to major cities by means of roads (the Yangon-Mandalay Highway, Myingyan-Mandalay Road) and close to the Yangon-Mandalay Railway.

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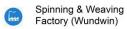
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0 230 460 920 Kilometers

### Legend

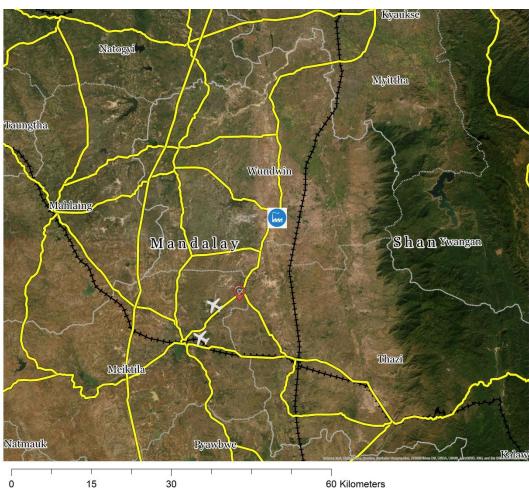




4 Airport

HighwayRailway





# Spinning Factory (Pyawbwe)

Location	Pyawbwe Township, Manadalay Region, Myanmar.
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.
Background	Commercial operation commenced in 2009. The machines are regularly maintained and can be used without major repair.





# **Key Assets**



Land Area	289.03 acres (including factory area of 163.24 acres and cotton cultivation area of 125.79 acres)
Machines/ Capacity	
No. of Buildings	
No. of Employees	225
Products	1/7 ~ 1/40 Carded Yarn and 1/40 Combed Yarn



# Infrastructure

- 1			
-		-	
	1		

Electricity	<ul> <li>33 kV line from the Thazi Power Station</li> <li>Transformers: 5000 kVA (1) unit, 1600 kVA (2)units, 1250 kVA (1) unit, 500 kVA (1) unit</li> </ul>
Water	Ø 8" tube well (2) units
Resource	
Transportation	Close to the Yangon-Mandalay Highway, Yangon- Thazi-Taunggyi Highway and the Yangon- Mandalay Railway

### **Key Features**

- The factory is strategically located in an area where soil and temperature conditions are advantageous for cotton cultivation and famous for its cotton plantations which gives a good supply of raw material.
- ✓ It is close to Meiktila (41 km), a hub for textile cottage businesses.
- ✓ It is close to major cities (123 km to Nay Pyi Taw, 166 km to Taunggyi, 205 km to Mandalay and 480 km to Yangon).
- ✓ It has access to infrastructure (land and buildings) and utilities (electricity and water).

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0 230 460 920 Kilometers

#### Legend



Spinning Factory (Pyawbwe)



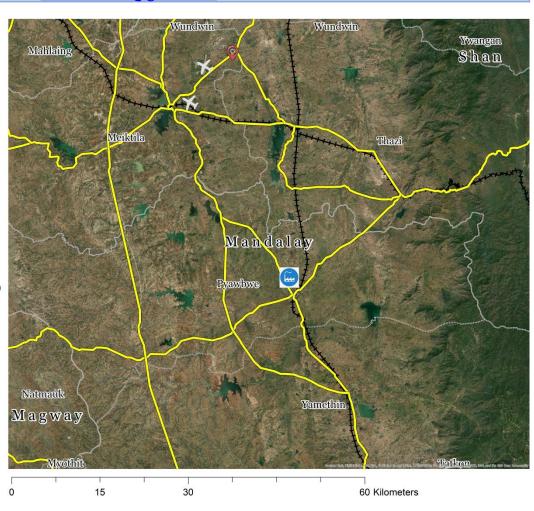
Industrial Zone



Highway

Railway
Township





# Weaving, Finishing and Garment Factory (Yamethin)

Location	Yamethin Township, Mandalay Region, Myanmar.
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.
Background	Commercial operation commenced in 2003. The machines are regularly maintained and can be used for production without major repair.







# **Key Assets**

Land Area	56.48 acres (including factory area of 26.48 acres)
Machines/ Capacity	Grey Fabric (1,146,000 yards/year) Finished/Bleached Fabric (1,008,000 yards/year) Printed Fabric (288,000 yards/year)
No. of Buildings	58 (including 8 industrial buildings and 5 warehouses)
No. of Employees	277
Products	Grey Fabric, Printed Fabric and Towels



### Infrastructure





Electricity	<ul> <li>33 kV lines from the Tharzi Power Station</li> <li>Transformers: 2000 kVA (1) unit, 750 kVA (2)units</li> </ul>
Water Resource	Ø 8" tube well (3) units, Ø 4" tube well (1) unit and Ø 2" tube well (3) units
Transportation	Collocated next to the Yangon-Mandalay Highway and close to the Yangon-Mandalay Railway

- ✓ The factory has easy access to its raw materials from nearby spinning factories such as Pyawbwe and Myittha.
- ✓ It is well connected to the downstream textile sector as it is close to Myanmar textile cottage hubs (85 km from Wundwin, 65 km from Meiktila and 185 km from Mandalay).
- ✓ It has access to infrastructure (land and buildings) and utilities (electricity and water).

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0 230 460 920 Kilometers

#### Legend

Weaving, Finishing & Garment Factory (Yamethin)



← Airport

Highway
Railway





# **Knitting and Garment Factory (Taungtha)**

Location	Taungtha Township, Mandalay Region, Myanmar.
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.
Background	Commercial operation commenced in 2006. The machines were installed by Shanghai World Best Investment Development Co., Ltd.









# **Key Assets**

Land Area	61.19 acres (including factory area of 33.17 acres)
Machines/	Vest (616,000 lbs/year)
Capacity	T- Shirt (400,000 pieces/year)
	Sport Shirt (584,000 pieces/year)
	The machines are regularly maintained and can be
	used for production without major repair
No. of	66 (including 7 industrial buildings and 4
Buildings	warehouses)
No. of	289
Employees	
Products	Vest, T-Shirt, Sport Shirt, Ladies' Wear and
	Children's Wear

### Infrastructure

Electricity	<ul> <li>33 kV line from the Myingyan Substation</li> <li>Transformers: 2 MVA, 1600 kVA, 315 kVA</li> </ul>
Water Resource	Ø 15' ground tank (5) units and Ø 4" tube well (1) unit
Transportation	Collocated next to the Meiktila-Taungtha– Myingyan Highway and close to the Tharzi- Meiktila-Myingyan Railway

- ✓ The factory is one of the largest knitting manufacturers in Myanmar.
- ✓ It is close to its market (22.5 km away from Myingyan and 64.4 km from Meiktila and 132 km from Mandalay).
- ✓ It is connected to major cities by means of the Mandalay-Kyaukse-Myingyan Road, Myingyan-Meiktila Road and Tharzi-Meiktila-Myingyan Railway.
- ✓ It has access to infrastructure (land and buildings) and utilities (electricity and water).

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0 230 460 920 Kilometers

#### Legend

Kn Fa

Knitting & Garment Factory (Taungtha)



Industrial Zone

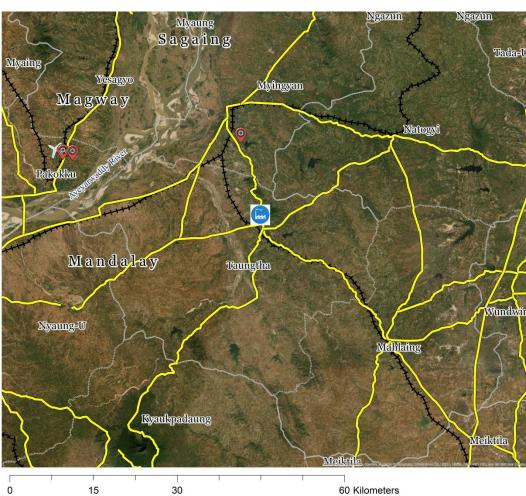


Airport



Railway





# Weaving, Dyeing and Printing Factory (Myingyan)

Location	Myingyan Township, Mandalay Region, Myanmar.
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.
Background	Commercial operation of printing machine commenced in 1999 and weaving machines in 2004. The machines are regularly maintained and can be used without major repair.









# **Key Assets**

Land Area	16.85 acres (including factory area of 7.35 acres)
	Weaving Machines (Grey Fabric 536,000 yards/year) Finishing Machines (Printed Fabric 100,000 yards/year)
No. of Buildings	37 (including 2 industrial buildings and 5 warehouses)
No. of Employees	135
Products	Bandage and Gauze

### Infrastructure

-	• Transformer: 500 kVA (1) unit
Water Resource	Ø 8" tube well (1) unit, Ø 4" tube well (1) unit, Ø 2" tube well (1) unit,
Transportation	Collocated next to the Meiktila-Myingyan Highway and close to the Meiktila-Myingyan Railway

**Electricity** • 11 kV line from the Myingyan Substation

- ✓ The factory has easy access to its raw materials from nearby spinning factories such as Pyawbwe and Myittha.
- ✓ It has market potential as there is a high demand for grey fabric (bandage and gauze) in Myanmar.
- ✓ It is well connected to major cities by means of roads (the Bagan-Myingyan-Mandalay Road and Myingyan-Meiktila Road) and the Meiktila-Myingyan Railway.
- ✓ It has access to infrastructure (land and buildings) and utilities (electricity and water).

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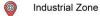
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#### Legend

Weaving, Dyeing & Printing Factory (Myingyan)

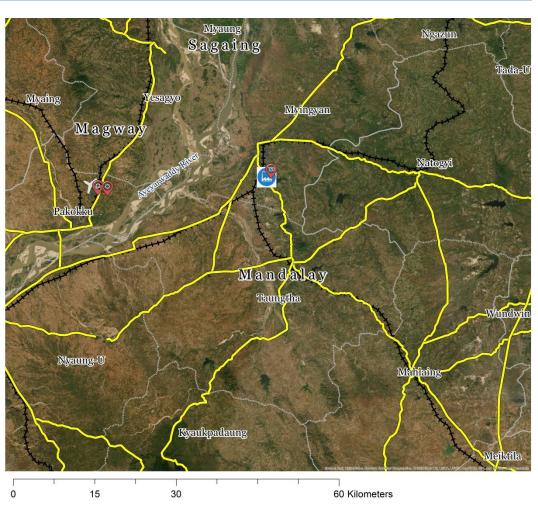


Airport

Highway

Railway





# High-Grade Paper Mill (Thabaung)

Location	Hlaygyitet Village, Thabaung Township, Pathein District, Ayeyarwaddy Region, Myanmar.
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.
Background	The 200 tons/day Kraft Bleached Pulp Mill and 50 tons/day Paper Mill commenced their commercial operations in 2005, with the technology from China Metallurgical Construction Group Corporation (MCC).















# **Key Assets**

Land Area	1,107.	37 acres				
	(inclu	ding factory a	rea of 34	5.64 acre	s)	
Types of Plant	Chip	Preparation	Plant,	Pulping	Plant,	200
	Tons/o	day Pulp Shee	t Making	g Plant, All	kali Reco	very
	Plant, Chlorine Alkali Plant, Chlorine Dioxide Plant,					
	Thermal Power Plant, Water Intake Plant, Supply					
	Water Purification Plant, Effluent Treatment Plant					
	and 50 Tons/day Paper Mill					
	Renewable energy using bio gas and plantation					
	for rav	w material ma	y be nee	eded.		
No. of	\	including 76 in	ndustrial	buildings	and 13	
Buildings	ware	houses)				
No. of	788					
Employees						
Products	Bleacl	ned Bamboo F	ulp, Wri	ting Pape	and	
	Printir	ng Paper				

# Infrastructure

Electricity	66/11 kV line from the Atthode Substation	
	• Transformers: 31.5 MVA (2) units	
	• Steam Turbine: 15 MW (1) unit, 6 MW (1) unit	
Steam	Gas Boiler: 65 Tons/hour (3) units	
	Recovery Boiler: 40 Tons/hour (1) unit	
Water	Supply from the Ngawun River	
Resource		
Transportation	Close to the Yangon-Pathein-Chaungtha Road	
	and the Ngawun River	

# **Key Features**

- ✓ In Myanmar (with an annual paper consumption of 524,000 tons and annual import of 242,000 tons, source: WITS), Thabaung is the sole large scale paper manufacturer with annual production capacity of 60,000 tons pulp sheets and 15,000 tons paper.
- ✓ Local paper mills produced 283,000 tons of recycled secondary paper in 2018 (source: Myanmar Pulp and Paper Industry Association).
- As the sole pulp mill in Myanmar, its role is important for the development of the pulp and paper sector.
- ✓ There is easy access to the international waterway as it is located on the east bank of the Ngawun River and 263 km away from Thilawa International port, Yangon and 613 km away from Kyaukphyu deep sea port, the Rakhine State.
- ✓ Thabaung area is famous for its forestry resources, which are raw materials for the pulp and paper industry, such as bamboo, acacia and eucalyptus.

#### **Contact Person**

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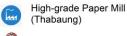
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0 230 460 920 Kilometers

#### Legend







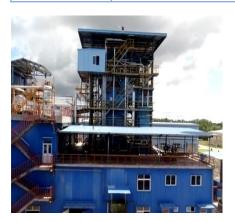




# **Newsprint Paper Mill (Thabaung)**

Location	Hlaygyitet Village, Thabaung Township, Ayeyarwaddy Region, Myanmar.
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.
Background	The Mill was constructed by Tianjin Machinery Import & Export Corporation (China) in 2017. Commercial production had not yet commenced.





# **Key Assets**

Zaria / ii ca	140.79 acres (including factory area of 45.02
	acres)
Types of Plant	Chip Preparation Plant, CTMP Plant 60 Tons/day, Paper Making Plant, Power Plant, Water Intake, Supply Water Purification Plant and Effluent Treatment Plant
No. of Buildings	55 (including 16 industrial buildings and 2 warehouses)
No. of Employees	106
Products	Newsprint Paper

**Land Area** 140.79 acres (including factory area of 43.82



### Infrastructure

Jan 2019 9:17:33 a.m.
DV

Electricity	66/11 kV line from the Atthode Substation
	Transformers: 31.5 MVA (2) units
	Steam Turbine: 15 MW(1) unit and 6 MW (1)
	unit
Steam	Gas Boiler: 65 Tons/hour
Water	Supply from the Ngawun River
Resource	
Transportation	Close to the Yangon-Pathein-Chaungtha Road
	and the Ngawun River

- ✓ Thabaung can easily access the international waterway as it is located on the east bank of Ngawun River and 263 km away from Thilawa international port, Yangon and 613 km away from Kyaukphyu deep sea port, the Rakhine State.
- ✓ The factory has access to infrastructure (land and buildings) and utilities (electricity and water).
- ✓ Thabaung High Grade Paper Mill (over 1,100 acres of land) is situated beside the Thabaung Newsprint Paper Mill and therefore there is an opportunity for investors to establish integrated paper mills.

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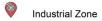
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#### Legend

Newsprint Paper Mill (Thabaung)



← Airport

Highway
Railway





# **Home Utilities Factory (Minsu)**

Location	Minsu Village, Kyaukse Township, Mandalay Region, Myanmar.
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.
Background	Commercial production commenced in 2006. The machines are regularly maintained and can be used without major repair.





# **Key Assets**



Land Area	27.01 acres (including factory area of 22.42 acres)
Machines/	Plastic Production Lines (150,000 pieces/year)
Capacity	Kitchen Ware & Furniture Production Lines
	(6,018,000 pieces/year)
No of Buildings	23 (including 5 industrial buildings)
No of Employees	212
Products	Home Utensil Stainless Steel Ware, Nursing

Products

Station Units, Hospital Furniture and Plastic



# Infrastructure



Electricity	33 kV line from the Inngone Substation Transformer: 3,000 kVA (1) unit
Water Resource	Ø 4" tube well (2) units
Transportation	Close to the Yangon-Mandalay Highway and the Yangon-Mandalay Railway

- ✓ It is the largest factory in Myanmar producing utensil stainless steel products.
- ✓ The property is well located near the region's infrastructure via the Yangon-Mandalay Highway and the Yangon-Mandalay Railway.
- ✓ It has access to infrastructure (land and buildings) and utilities (electricity and water).

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#### Legend



Home Utilities Factory (Minsu)



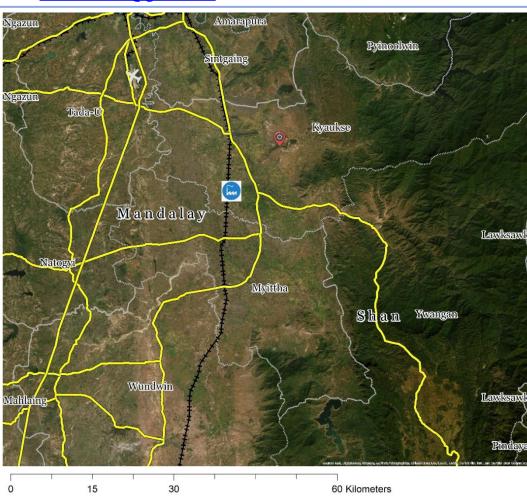
Industrial Zone



Airport

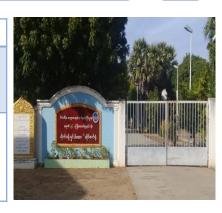






# **Hydrogen Peroxide Factory (Chauk)**

Location	Chauk Township, Magway Region, Myanmar.
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.
Background	Commercial operation commenced in 2006. The reverse osmosis section had been modified to produce drinking water.





# **Key Assets**

Land Area	170.99 acres (including factory area of 9.09 acres)
Machines	Water Treatment Plant Boiler Station Hydrogen Plant Air Station
No. of Buildings	35 (including 15 industrial buildings)
No. of Employees	15

Land Area 178.00 acres (including factory area of 0.00 acres)



### Infrastructure



Electricity	• 11 kV line from the Chauk Substation
	Transformers: 1000 kVA (2) units
Water	Ø 4" tube well (1) unit, Ø 2" tube well (2) units
Resource	Supply from the Ayeyarwaddy River
Transportation	Close to the Yangon-Mandalay Highway

- ✓ The site can be used for other commercial purposes as the property has a prime location close to the Yangon-Mandalay Highway and is situated at the junction of the Mandalay-Meiktila-Kyaukpadaung-Chauk Road, Chauk-Bagan Road, Chauk-Salin-Minbu Road and Chauk-Yaenanchaung-Magway Road.
- ✓ It has access to infrastructure (land and buildings) and utilities (electricity and water).

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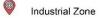
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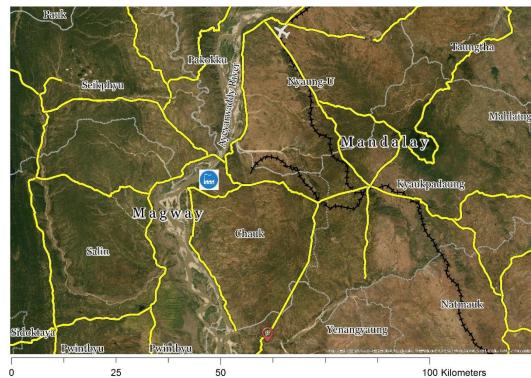
### Legend

Hydrogen Peroxide Factory (Chauk)



Airport

—— Highway —— Railway



# **Cotton Ginning Factory (Pyay)**

Location	Pyay Township, Bago Region, Myanmar.
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.









## **Key Assets**

Land Area	2.82 acres
Machines/ Capacity	Single Roller Gin (54 lbs/hour) (14) units Double Roller Gin (288 lbs/hour) (8) units
No. of Buildings	29 (including 6 industrial buildings and 5 warehouses)

### Infrastructure

Electricity	Connected to Pyay Electricity Supply Enterprise Transformer: 100 kVA (1) unit
Water Resource	Ø 2" tube well (1) unit
Transportation	Close to the No. 2 Yangon-Mandalay Highway and the Yangon-Pyay Railway

- ✓ The commercial operation commenced in 1972 and production expanded in 2005 with the installation of double roller gin machines.
- ✓ The supply of raw material is reliable as the factory is close to the key cotton plantation areas in Myanmar Aunglan, Wethtikan and Paukkhaung.
- ✓ The Spinning, Weaving & Finishing Factory (Shwedaung), the main downstream industry of the ginning factories in Pyay area, is situated about 16 km away from the factory.
- ✓ It has access to infrastructure (land and buildings) and utilities (electricity and water).
- ✓ It is located in Pyay, close to the No.2 Yangon-Mandalay Highway, and is connected to other major cities by means of the Yangon-Pyay Railway and the Ayeyarwaddy River.
- ✓ The double roller gin machines are in good operating condition.

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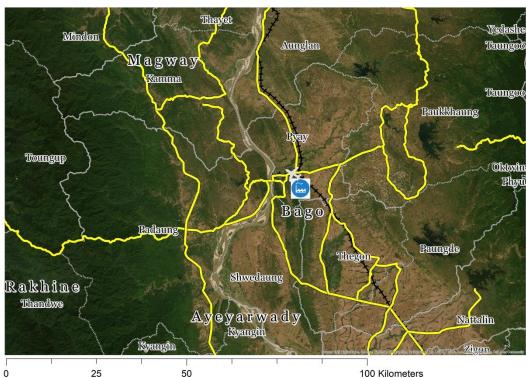
### Legend

Ginning Factory (Pyay)

Industrial Zone

← Airport

Highway
Railway



# **Cotton Ginning Factory (Sagaing)**

Location	Sagaing Township, Sagaing Region, Myanmar.
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.









# **Key Assets**

Land Area	1.95 acres
Machines/ Capacity	Double Roller Gin (288 lbs/hour) (4) units
No. of Buildings	10 (including 1 industrial building and 4 warehouses)

### Infrastructure

Electricity	Transformer: 100 kVA (1) unit
Water Resource	Ø 2" tube well (1) unit
Transportation	Close to the Mandalay-Monywa Highway, Mandalay-Shwebo Highway and Mandalay- Myitkyina Railway

- ✓ The factory was established in 1977.
- ✓ It has a good supply of raw material (cotton) as it is located in Sagaing cotton cultivation area (which had over 30,000 acres under cultivation in 2019) and close to Myinmu and Monywa cotton cultivation areas.
- ✓ It is close to textile hubs in Myanmar about 14 km from Amarapura, 23 km from Mandalay and 110 km from Monywa.
- ✓ The Spinning and Weaving Factory (Sagaing), with 356.47 acres of land, and the Garment Factory (Sagaing), with 261.92 acres, are also located in the same township.

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### Legend



Ginning Factory (Sagaing)



Airport

Highway Railway



# **Cotton Ginning Factory (Kanthagyi)**

Location	Kanthagyi Village, Pwintphyu Township, Magway Region, Myanmar.
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.









# **Key Assets**

Land Area	2.62 acres
Machines/ Capacity	Single Roller Gin (54 lbs/hour) (14) units Double Roller Gin (288 lbs/hour) (4) units
	8 (including 1 industrial building and 3 warehouses)

### Infrastructure

Electricity	11 kVA line from the Spinning and Weaving Factory (Pwintphyu)
Water Resource	Ø 2" tube well (2) units
Transportation	Collocated next to the Minbu-Seikphyu Road

- ✓ The factory was established in 1970.
- ✓ The factory location is suitable for a ginning factory as it is only 0.4 km away from the Spinning & Weaving Factory (Pwintphyu) and is close to cotton plantation areas such as Mindon and Minbu.
- ✓ It has access to infrastructure (land and buildings) and utilities (electricity and water).
- ✓ The double roller gin machines are in good operating condition.
- ✓ Kanthagyi Village is collocated next to the Minbu-Seikphyu Road and 33 km away from Minbu, the junction point to major cities such as Nay Pyi Taw, Yangon, Mandalay and the Rakhine State.

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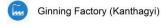
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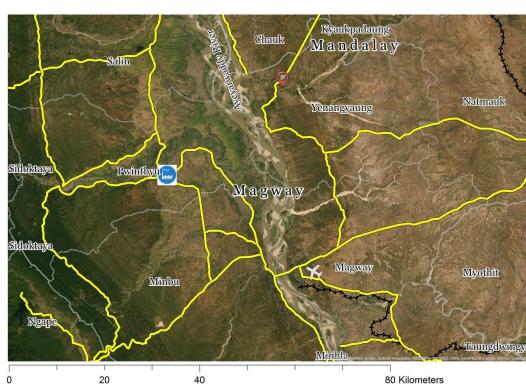
### Legend







Highway
Railway



# **Cotton Ginning Factory (Minhla)**

Location	Minhla Township, Magway Region, Myanmar.
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.







Land Area	7.2 acres
Machines/ Capacity	Single Roller Gin (54 lbs/hour) (14) units Double Roller Gin (288 lbs/hour) (4) units
No. of Buildings	11 (including 1 industrial building and 6 warehouses)



### Infrastructure



Electricity	Connected to the Minhla Substation
Water Resource	Ø 2" tube well (1) unit
Transportation	Collocated next to the Magway-Minbu-Thayet Road

- ✓ The commercial operation commenced in 1997.
- ✓ The factory has a good supply of raw material (cotton) as it is located in the Minhla and Thayet areas which had over 17,000 acres of high quality cotton under the cultivation in 2019.
- ✓ It is close to the downstream textile sector as it is 67 km away from the Spinning and Weaving Factory (Pwintphyu) and also connected with Meiktila and Mandalay, key cotton markets in Myanmar.
- ✓ It is well connected to other cities as it is collocated next to the Magway-Minbu-Thayet Road and situated on the west side of the Ayeyarwaddy River.

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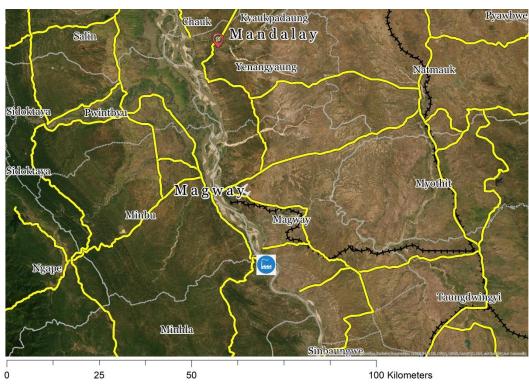
### Legend



Airport



Railway
Township



# **Cotton Ginning Factory (Salin)**

Location	Salin Township, Magway Region, Myanmar.
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.









# **Key Assets**

Land Area	2.225 acres
Machines/ Capacity	Single Roller Gin (54 lbs/hour) (14) units Double Roller Gin (288 lbs/hour) (4) units
No. of Buildings	6 (including 1 industrial building and 4 warehouses)

### Infrastructure

Electricity	Connected to Salin Electricity Supply Enterprise Transformer: 100 kVA (1) unit
Water Resource	Ø 2" tube well (1) unit
Transportation	Close to the Magway-Minbu-Yaenangyaung Road

- ✓ Commercial operation commenced in 1970.
- ✓ The factory has a good supply of raw material (cotton) as it is located in the Salin area which had over 20,000 acres of high quality cotton under the cultivation in 2019.
- ✓ It is also close to the downstream textile sector as it is 33.6 km away from the Spinning and Weaving Factory (Pwintphyu) and about 191 km and 319 km away from Meiktila and Mandalay, key cotton markets in Myanmar.
- ✓ It is well connected to other cities as it is close to the Magway-Minbu-Yaenangyaung Road, on the west side of the Ayeyarwaddy River and only 24 km away from the Pathein-Monywa Highway.

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### Legend

Ginning Factory (Salin)



# Airport

Highway
Railway



## **Cotton Ginning Factory (Taungdwingyi)**

Location	Taungdwingyi Township, Magway Region, Myanmar.
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.







Land Area	7.58 acres
Machines/ Capacity	Linter Machine (2) units Double Roller Gin (288 lbs/hour) (14) units
No. of Buildings	24 (including 3 industrial buildings and 14 warehouses)



### Infrastructure



Electricity	Connected to Taungdwingyi Electricity Supply Enterprise Transformer: 750 kVA (1) unit
Water Resource	Ø 2" tube well (1) unit
Transportation	Collocated next to the Magway-Taungdwingyi- Pyay Road

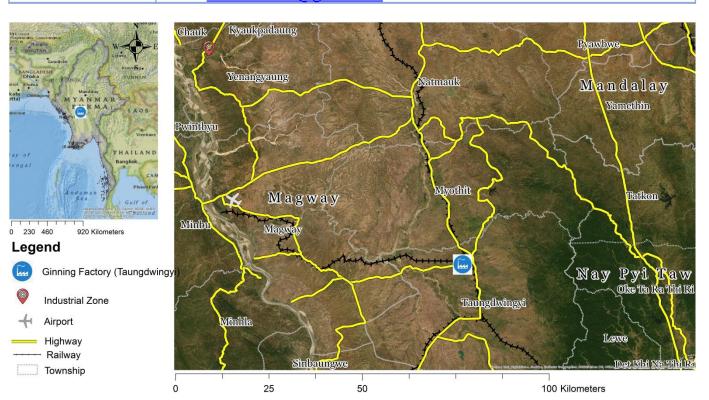
- ✓ The commercial operation commenced in 1999.
- ✓ The factory has a good supply of raw material (cotton) as it is located in Magway area, which produces about 53 % of the total cotton production in Myanmar.
- ✓ It is situated in the heart of the cotton based textile supply chain in Myanmar as it is 128 km away from the Spinning and Weaving Factory (Pwintphyu), 175 km from the Spinning, Weaving and Finishing Factory (Shwedaung) and 281 km from Mandalay (the center of private spinning factories).
- ✓ It has access to infrastructure(land and buildings) and utilities (electricity and water).
- ✓ It has less production wastage due to a Linter Machine.

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## **Cotton Ginning Factory (Shauktaw)**

Location	Pwintphyu Township, Magway Region, Myanmar.
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.





# **Key Assets and Infrastructure**

Land Area	4.97 acres
No. of Buildings	7 (including 2 industrial buildings and 4 warehouses)
Water Resource	Ø 2" tube well (1) unit
Transportation	Collocated next to the Magway-Minbu-Seikphyu Road

# **Key Features**

- ✓ The commercial operation commenced in 1970.
- ✓ It is located in the cultivation area of paddy (about 78,000 acres) and other crops (chick pea 20,000 acres, sesame and sunflower 30,000 acres) and close to the Kyeeohn Kyeewa Dam, the biggest dam in Myanmar, therefore it is a suitable place to establish an agro-based business.
- ✓ It is suitable for all types of commercial purposes as it is collocated next to the Magway-Minbu-Seikphyu Road, and easily connected to other areas such as Minbu, Magway and Yaenanchaung.

#### **Contact Person**

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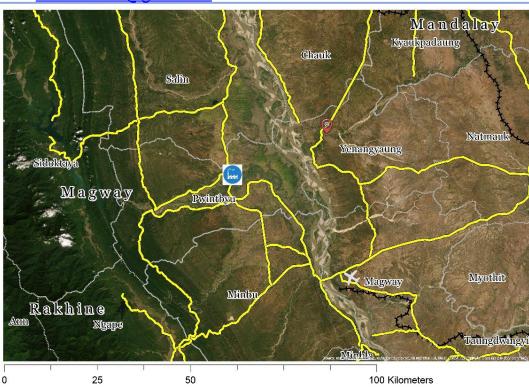


230 460 920 Kilometers

#### Legend



Highway
Railway
Township



# **Cotton Ginning Factory (Kyaukpadaung)**

Location	Saepauk Village, Kyaukpadaung Township, Mandalay Region, Myanmar.
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.





## **Key Assets**

Land Area	4.53 acres
Machines/ Capacity	Single Roller Gin (54 lbs/hour) (14) units Double Roller Gin (288 lbs/hour) (4) units
No. of Buildings	18 (including 4 industrial buildings and 6 warehouses)



## Infrastructure



Electricity	Connected to Kyaukpadaung Electricity Supply Enterprise Transformer: 50 kVA (1) unit
Water Resource	Supply from the Kyaukpadaung Water Distribution System
Transportation	Close to the junction of the MeikhtiLa- Kyaukpadaung-Myingyan Road and the Meiktila- Kyaukpadaung-Bagan Road

- ✓ The commercial operation commenced in 1967.
- ✓ The Spinning and Weaving Factory (Pakokku), the main downstream industry of the ginning factories in this area, is situated about 78.1 km away from the factory.
- ✓ The double roller gin machines are in good operating condition.
- ✓ Kyaukpadaung is connected to the other major cities by means of roads (close to the junction of Meiktila-Kyaukpadaung-Myingyan Road, Kyaukpadaung-Magway-Yangon Road and Meiktila-Kyaukpadaung-Bagan Road) and the Nay Pyi Taw-Bagan Railway.
- ✓ The factory is also available for other commercial purposes as it has access to infrastructure (land and buildings) and utilities (electricity and water).

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#### Legend

Ginning Factory (Kyaukpadaung)



Industrial Zone



Highway
Railway



## **Cotton Ginning Factory (Myinmu)**

Location	Myinmu Township, Sagaing Region, Myanmar.
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.











# **Key Assets**

Land Area	12.92 acres
Machines/ Capacity	Single Roller Gin (54 lbs/hour) (14) units Double Roller Gin (288 lbs/hour) (4) units
No. of Buildings	16 (including 7 industrial buildings and 6 warehouses)

## Infrastructure

Electricity	11 kVA line connected to Myinmu Electricity
_	Supply Enterprise
Water	Supply from the Myinmu Water Distribution
Resource	System
Transportation	Collocated next to the Monywa-Mandalay Road

- ✓ The commercial operation commenced in 1977.
- √ The factory can produce value-added products (cotton oil and cotton seed cake) from its byproduct (cotton seeds).
- ✓ The factory has a good supply of raw material (cotton) as it is situated near the cotton cultivation areas such as Myinmu and Ngazun.
- ✓ About 13 acres of land comes with the flexibility to develop further.
- ✓ It is located in Myinmu Township, on the north bank of the Ayeyarwaddy River, and is close to Monywa, the traditional textile cottage hub, and the Spinning & Weaving Factory (Sagaing).

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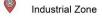
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## Legend





Airport

Highway
Railway



## **Cotton Ginning Factory (Pale)**

Location	Pale Township, Yinmarbin District, Sagaing Region, Myanmar.
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.





# **Key Assets and Infrastructure**

Land Area	2.36 acres
Machines/ Capacity	Double Roller Gin (288 lbs/hour) (4) units
No. of Buildings	2 (including 1 warehouse)
Water Resource	Ø 1.5" tube well (1) unit
Transportation	Collocated next to the Monywa-Pale-Gangaw Road

## **Key Features**

- ✓ The commercial operation commenced in 1963.
- ✓ The factory has a good supply of raw material (cotton) as it is situated near the cotton cultivation areas such as Pale, Yinmarbin and Salingyi.
- ✓ Pale is located on the west side of the Chindwin River and 64 km away from Monywa (the traditional textile cottage hub) and 37 km away from the Spinning and Weaving Factory (Salingyi).
- ✓ The factory is also available for other commercial purposes as it is strategically situated collocated next to the Monywa-Pale-Gangaw Road.

#### **Contact Person**

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Lagand

#### Legend

Ginning Factory (Pale)



Airport
Highway

Railway
Township



# **Cotton Ginning Factory (Natogyi)**

Location	Natogyi, Mandalay Region, Myanmar.
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.









# **Key Assets**

Land Area	8.38 acres
Machines/ Capacity	Double Roller Gin (288 lbs/hour) (6) units
No. of Buildings	11 (including 2 industrial buildings and 4 warehouses)

## Infrastructure

Electricity	<ul> <li>11 kV line from the Natogyi Substation</li> <li>Transformer: 100 kVA (1) unit</li> </ul>
Water Resource	Ø 4" tube well (1) unit
Transportation	Close to the Mandalay-Myingyan Highway and the Mandalay-Myingyan Railway

- ✓ The factory was established in 1952.
- ✓ It has a good supply of raw material (cotton) as it is located in the Natogyi cotton cultivation area (which has about 800 acres in 2019) and close to Myingyan and Meiktila cotton cultivation areas.
- ✓ It is well connected with the downstream textile sector as it is close to the textile hubs (32 km from Myingyan and 105 km away from Meiktila).
- ✓ It has access to infrastructure (land and buildings) and utilities (electricity and water).

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## Legend



Ginning Factory (Natogyi)



Airport

Highway
Railway



# **Cotton Ginning Factory (Taungtha)**

Location	Taungtha, Mandalay Region, Myanmar.
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.









## **Key Assets**

Land Area	4.147 acres
Machines/ Capacity	Double Roller Gin (288 lbs/hour) (4) units
No. of Buildings	13 (including 2 industrial buildings and 4 warehouses)

## Infrastructure

Electricity	<ul> <li>33/11 kV line from the Thaungtha Substation</li> <li>Transformer: 100 kVA (1) unit</li> </ul>
Water Resource	Supply from the Taungtha Water Distribution System
Transportation	Close to the Myingyan-Meiktila Road and close to the Tharzi-Myingyan Railway

- ✓ The factory was established in 1956.
- ✓ It has a good supply of raw material (cotton) as it is located in the Taungtha cotton cultivation area (which has approximately 2,000 aces in 2019) and close to Myingyan and Mahlaing cotton cultivation areas.
- ✓ It is connected to the downstream textile sector as it is 22.5 km away from Myingyan and 64.4 km from Meiktila, textile hubs in Myanmar.
- ✓ It has access to infrastructure (land and buildings) and utilities (electricity and water).

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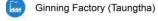
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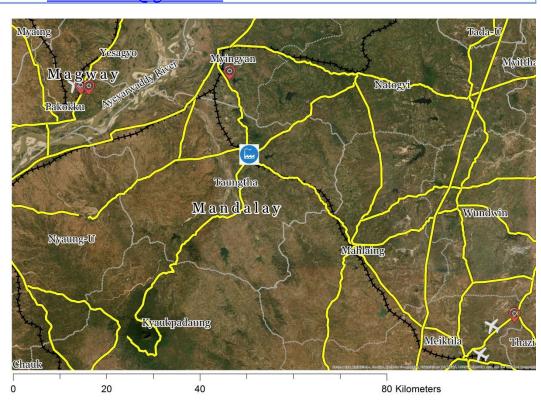
#### Legend





Airport

Highway
Railway



# Cotton Ginning Factory (Myingyan)

Location	Myingyan, Mandalay Region, Myanmar.
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.









# **Key Assets**

Land Area	12.519 acres
Machines/ Capacity	Double Roller Gin (288 lbs/hour) (8) units
	15 (including 3 industrial buildings and 6 warehouses)

## Infrastructure

Electricity	<ul> <li>33 kV Line from the Myingyan Substation</li> <li>Transformer: 50 kVA (1) unit</li> </ul>
Water Resource	Ø 2" tube well (1) unit
Transportation	Close to the Mandalay-Myingyan-Meiktila Highway and the Naung U-Bagan-Myingyan- Mandalay Railway

- ✓ The factory was established in 1954.
- ✓ It has a good supply of raw material (cotton) as it is located in the Mahlaing cotton cultivation area (which has over 10,890 acres in 2019) and close to the Myingyan and Meiktila cotton cultivation areas.
- ✓ It is well connected to the downstream textile sector as it is close to textile hubs (87 km away from Meiktila, 122 km away from Wundwin and 144 km from Mandalay).
- ✓ It has access to infrastructure (land and buildings) and utilities (electricity and water).

## Win Aung (Mr.)

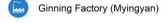
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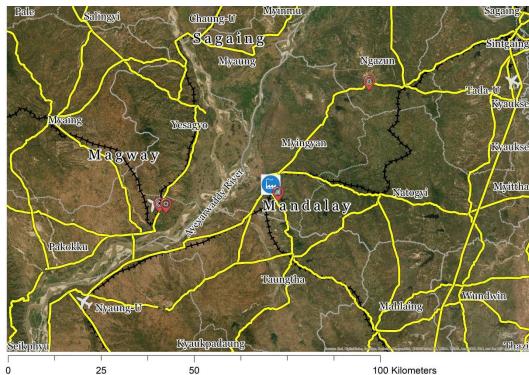
#### Legend





Airport

Highway
Railway



# Cotton Ginning Factory (Mahlaing)

Location	Mahlaing, Mandalay Region, Myanmar.
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.









# **Key Assets**

Land Area	8.962 acres
Machines/ Capacity	Double Roller Gin (288 lbs/hour) (10) units
No. of Buildings	11 (including 3 industrial buildings and 7 warehouses)

## Infrastructure

Electricity	<ul> <li>33 kV line from the Myingyan Substation</li> <li>Transformer: 600 kVA (1) unit</li> </ul>
Water Resource	Ø 3" tube well (1) unit
Transportation	Close to the Meiktila-Myingyan Highway and the Tharzi-Myingyan Railway

- ✓ The factory was established in 1950.
- ✓ It has a good supply of raw material (cotton) as it is located in the Mahlaing cotton cultivation area (which has over 5,600 acres in 2019) and close to the Myingyan and Meiktila cotton cultivation areas.
- ✓ It is well connected to the downstream textile sector as it is close to textile hubs (32 km away from Meiktila, 66 km away from Wundwin and 57 km from Myingyan).
- ✓ It has access to infrastructure (land and buildings) and utilities (electricity and water).

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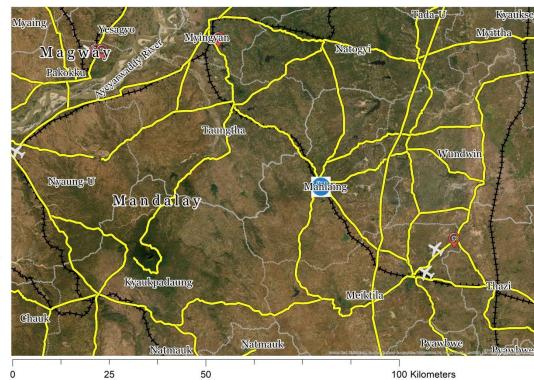
## Legend

Ginning Factory (Mahlaing)



- Airport

Highway
Railway



## **Cotton Ginning Factory (Pyawbwe)**

Location	Pyawbwe Township, Mandalay Region, Myanmar.
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.









# **Key Assets**

Land area	5 acres
Machines/ Capacity	Double Roller Gin (288 lbs/hour) (16) units
	4 (including 2 industrial buildings and 2 warehouses)

## Infrastructure

Electricity	<ul> <li>11 kV line from the Tharzi Power Station</li> <li>Transformer: 500 kVA (1) unit</li> </ul>	
Water Resource	Supply from the Spinning Factory (Pyawbwe)	
Transportation	Close to the Yangon-Mandalay Highway and the Yangon-Mandalay Railway.	

- ✓ The factory was established in 2009.
- ✓ It has a good supply of raw material (cotton) as it is located in the Pyawbwe cotton cultivation area (which has over 28,000 acres in 2019) and close to the Yamethin and Thazi cotton cultivation areas.
- ✓ It is 42 km away from Meiktila and 72 km away from Wundwin, hubs for textile cottage in Myanmar.
- ✓ It is close to the major cities (123 km to Nay Pyi Taw, 205 km to Mandalay, 480 km to Yangon and 166 km to Taunggyi) and well connected to roads (the Yangon-Mandalay Highway and Magway-Pyawbwe-Taunggyi Road to the Thailand border).
- ✓ It is situated in the same compound with the Spinning Factory (Pyawbwe).

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#### Legend

Ginning Factory (Pyawbwe)



Industrial Zone



Highway

----- Railway



# **Cotton Ginning Factory (Yamethin)**

Location	Yamethin, Mandalay Region, Myanmar.
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.









# **Key Assets**

Land Area	7.73 acres
Machines/ Capacity	Double Roller Gin (288 lbs/hour) (7) units
No. of Buildings	14 (including 4 industrial buildings and 5 warehouses)

## Infrastructure

Electricity	33 kV line from the Yamethin Substation Transformer: 100 kVA (1) unit
Water Resource	Ø 4" tube well (1) unit
Transportation	Close to the Yangon-Mandalay Highway and the Yangon-Mandalay Railway

- ✓ The factory was established in 1968.
- ✓ It has a good supply of raw material (cotton) as it is located in the Yamethin cotton cultivation area (which has over 30,000 acres in 2019) and close to the Pyawbwe and Tatkon cultivation areas.
- ✓ It is well connected to the downstream spinning factories such as Pyawbwe, Myittha, Pakokku and Salingyi.
- ✓ It has access to infrastructure (land and buildings) and utilities (electricity and water).

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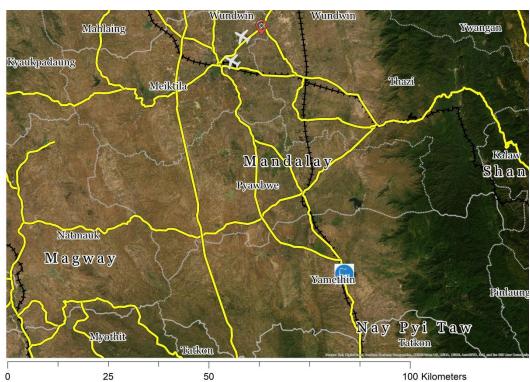
#### Legend





# Airport

Highway
Railway



## Pharmaceutical Factory (Insein)

Location	Insein Township, Yangon Region, Myanmar.
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.
Background	The factory was established in 1958. It received ISO 9001:2015 certificates for pharmaceutical production and sales in 2018 and is currently preparing for ISO 17025:2017 accreditation on quality control laboratory. Currently, it produces 193 different pharmaceutical items in compliance with good manufacturing practice.







## **Key Assets**

|--|

Land Area	120.871 acres	(includi	ng facto	ry area	of 83.8	11 acres
				,		

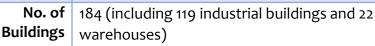
## Machines/ Capacity

Tablet & Capsule Production Plant-1 (400 millions/year) Tablet & Capsule Production Plant-2 (400 millions/year) Oral liquid production plant (400,000 Litres/year) Ointment Production plant (50,000 kg/year) Powder Production plant (400,000 kg/year) Snake Anti-Venom Production Plant (120,000 doses/year) Tetanus Production Plant (500,000 doses/year)

Small Volume Parenteral Solution Plant-1 (7 millions/year) Small Volume Parenteral Solution Plant- 2 (17 millions/year) Large Volume Parenteral Solution Plant (2.4 millions/year)

Cephalosporin Production Plant (4 millions/year)





# No. of

1,371

## **Employees**

**Products** 

Tablets and Capsules, Small Volume Parenteral Solution, Large Volume Parenteral Solution, Powder, Ointment, Oral Liquid, Vaccines; Anti-serum and many other products



## Infrastructure



- 10 MVA Substation (66/11) Electricity
  - Transformers: 1250 kVA(2) units, 1000 kVA(9) units, 800 kVA (3) units, 500 kVA (2) units, 315 kVA (1) unit, 300 kVA (1) unit, 100 kVA (1) unit

## **Natural Gas**

Connected with Ø 4" gas pipeline from Thamine Gas Station

## Water

 $\emptyset$  10" tube well (2) units,  $\emptyset$  8" tube well (3) units Resource

## **Key Features**

- ✓ The factory was one of the first manufacturers of pharmaceutical tablets and capsules under the brand name "BPI", a well known and cost effective pharmaceutical brand in Myanmar.
- ✓ A factory with future market potential due to rising local demand which has been fulfilled by imported pharmaceuticals.
- ✓ The property is conveniently located in the Yangon Region, the industrial and commercial center of Myanmar.
- ✓ The brand image of BPI and its production process are regarded for being in compliance with good manufacturing practice.
- ✓ It has access to building management system, infrastructure (land and buildings) and utilities (electricity and water).

#### **Contact Person**

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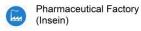
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#### Legend

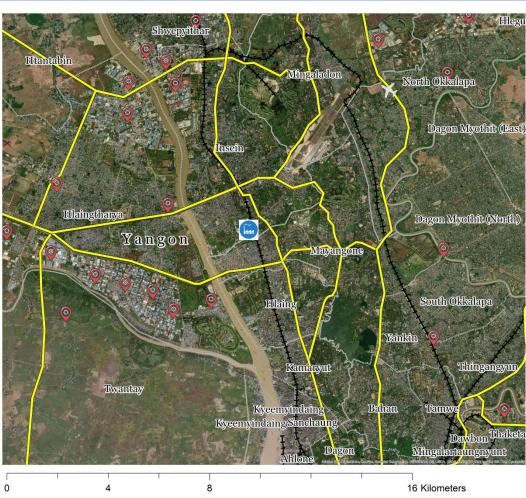












# Pharmaceutical Factory (Inyaung)

Location	Close to Hanmyintmo Village, Kyaukse Township, Mandalay Region, Myanmar.
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.
Background	Commercial operation commenced in 2008. The factory was awarded ISO 9001:2015 certificate for production and sales of pharmaceutical products in 2019. Currently, 43 varieties of products are produced in compliance with good manufacturing practice.

















# **Key Assets**

Land Area	31.57 acres (including factory area of 22.76 acres)		
Machines/ Capacity	Disposable Syringe Production Plant:  (7.5 millions/ year)  Large Volume Parenteral Solution Plant -1:  (2 million bottles/year)  Large Volume Parenteral Solution Plant -2:  (8 million bottles/year)  Small Volume Parenteral Solution Plant -1:  (26 millions/ year)  Small Volume Parenteral Solution Plant -2:  (7.8 millions/year)  Ointment Production Plant:  (1.2 millions/year)  Powder Production Plant:  (32000 kg/year)		
No. of Buildings	59 (including 34 industrial buildings and 7 warehouses)		
No. of Employees	378		
Products	Disposable Syringe, Large Volume Parenteral Solution, Small Volume Parenteral Solution, Betalactamic, Opthalmic, Oral Powder, Liquid and many other products		

# Infrastructure

Resource

Electricity	ctricity • Substation (1): 3 MVA (33/11 kV), 2 MVA (33/0.4 kV),	
	1 MVA (11/0.4 kV), 50 kVA (11/0.4 kV)	
	• Substation (2): 2 MVA (33/0.4 kV)	
	<ul> <li>Substation (3): 315 kVA (33/0.4 kV)</li> </ul>	
Water	Ø 10" tube well (5) units, Ø 8" tube well (2) units	

## **Key Features**

- ✓ The factory was one of the first manufacturers of pharmaceutical disposable syringe and injection/infusion under the brand named BPI, a well known and cost effective pharmaceutical brand in Myanmar.
- ✓ A factory with future market potential due to rising local demand which has been fulfilled by imported pharmaceuticals.
- ✓ The location of the factory is close to the Yangon-Mandalay Highway and approximately 60 km away from Mandalay, the economic city of Myanmar.
- ✓ Well built factory with good machines, building management system and access to utilities (electricity, steam and water).

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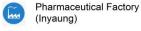
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#### Legend





---- Highway

-- Railway







# Hepatitis B Vaccine Plant (Ywar Thar Gyi)

Location	Hlegu Township, Yangon Region, Myanmar.	
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.	
Background	Established as a turnkey project by Chiel Jedang Company (Korea) with the supervision of Samsung Corporation in 2002. Commercial production commenced in 2007. Currently, Recombinant Hepatitis B Vaccine adult dose and child dose are produced in compliance with good manufacturing practice.	







# **Key Assets**

**Land Area** 

29.75 acres

Machines/ Capacity	Hepatitis B Vaccine Plant (300,000 doses/year)
No. of Buildings	10 (including 8 industrial buildings)
No. of Employees	73
Products	LIVOVAX-B Hepatitis B Vaccine Recombinant (Adult Single Dose-1.0 ml and Child Single Dose-0.5 ml)

• Connected to the East Dagon Substation





# Infrastructure

SECONDATION IN WINDS A VICTOR COMPANY OF THE PROPERTY OF THE P		Transformer: 1000 kVA (1) unit
	Natural Gas	Ø 4" gas pipeline from the Ywama Gas Station.
	Water Resource	Ø 8" tube well, Ø 6" tube well, Ø 4" tube well

## **Key Features**

- ✓ The factory uses Korean Vaccine Production Technology and complies with good manufacturing practice.
- Hepatitis B vaccine has high demand in Myanmar due to the high prevalence rate of Hepatitis B (6.5% of population in 2015).
- The location is ideal for vaccine manufacturing and well connected with the rest of Yangon as it is situated at the junction of the No. 7 Highway and the Khayebin Road.
- ✓ It is well equipped with infrastructure (land and building) and access to utilities (electricity, gas and water). There is capacity to extend the facility to produce other vaccine products.

#### **Contact Person**

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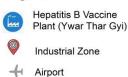
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#### Legend









# Pharmaceutical Ingredient Factory (Hmawbi)

Location	Hmawbi Township, Yangon Region, Myanmar.	
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.	
Background	The site was used for herbal plantation to produce pharmaceutical raw materials for traditional medicines. The machines are no longer in existence.	



# **Key Assets & Infrastructure**

Land Area	18.64 acres
No. of Buildings	2
Electricity	<ul> <li>33 kV line from the Myaungtagar Substation</li> <li>Transformer: 50 kVA (1) unit</li> </ul>
Natural Gas	Connected to the Hmawbi Gas Station
Water resources	Ø 8" tube well (1) unit



## **Key Features**

The site can be used for other commercial purposes as:

- it has access to infrastructure and utilities (electricity, gas and water);
- ✓ it is located 47 km away from Yangon, the commercial city of Myanmar, through which it can be connected to the other parts of Myanmar and to the other countries as well; and
- it is collocated next to the Yangon-Pyay Highway and close to the Yangon-Mandalay Expressway.

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#### Legend



Pharmaceutical Ingredient Factory (Hmawbi)



Industrial Zone



Airport

Highway
Railway



# **Tapioca Starch Factory (Daik-U)**

Location	Daik-U Township, Bago Region, Myanmar.
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.
Background	Production of Tapioca Starch commenced in 1999, utilizing Japanese technology. It is currently planning to produce methylated spirits.









# **Key Assets**

	Land Area	3566.18 acres (including factory area of 170.48 acres)
	Machines/ Capacity	Tapioca Starch Production Line (1,200 Tons/year) Methylated Spirit Production Line (700,000
		Litres/year)
No. of Buildings and warehouses)  61 (including 6 industrial buildings and 4		
	No. of Employees	50
	Products	Tapioca Starch and Methylated Spirit

# Infrastructure

# Connected to the Ayethukha Substation Transformers: 1250 kVA, 750 kVA, 300 kVA, 100 kVA Water Resource Dam Transportation Close to the Yangon-Mandalay Highway

- ✓ Over 3500 acres of land has the capacity to be used for a variety of purposes industrial, commercial or agricultural.
- ✓ The factory can access other major cities (Yangon and Bago) due to its location along the Yangon-Mandalay Highway and the Hanthawaddy International Airport project.

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### Legend

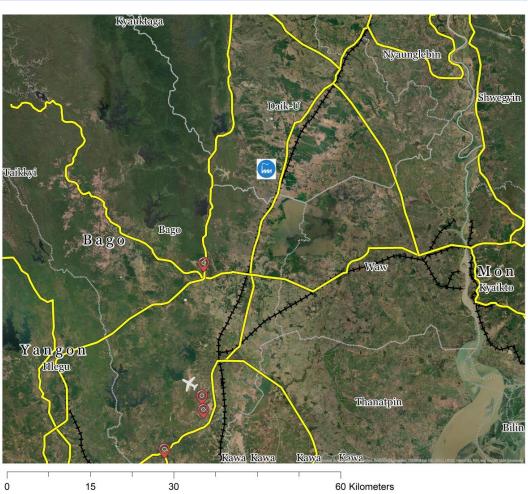
Tapioca Starch Factory (Daik-U)



Airport

Highway
Railway





Location	Seikphyu Township, Magway Region, Myanmar.	
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.	
Background	Commercial production commenced in 2001 with the plantation of beleric myrobalan trees to produce cooking oil from beleric myrobalan seeds.	





# **Key Assets**

Land Area	24.69 acres
	18 (including 8 industrial buildings and 2 warehouses)
Machines	3 (repair may need before operation)
No. of Employees	2







Electricity	Supply from the Seikphyu Substation
Water Resource	Ø 4" tube well (1) unit
Transportation	Collocated next to the Seikphyu-Saw Highway and close to the Ayeyarwaddy River

- The site is located in the middle of Myanmar (a key oil seed crop plantation area) and connected to major cities nearby, by means of the Seikphyu-Saw Highway. Therefore, it could be used for other purposes (such as oil mill and logistics warehouse).
- It has infrastructure (land 24.7 acres), access to utilities (electricity and water) and could be moved into other value-added productions.

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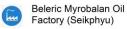
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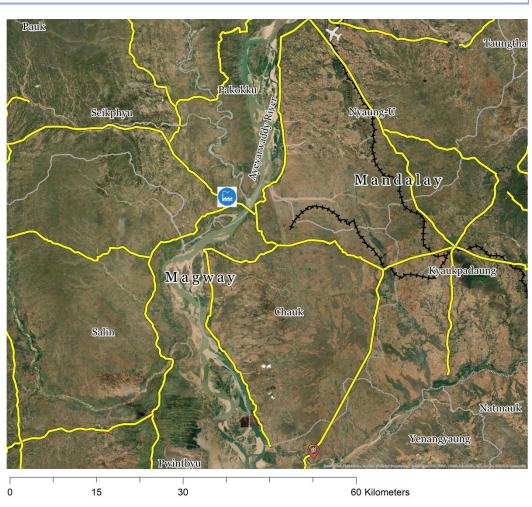
## Legend



Industrial Zone Airport

Highway Railway





# Purified Drinking Water Factory (Kyaukse)

Location	Kyaukse Township, Mandalay Region, Myanmar.
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.
Background	The production of purified drinking water commenced in 2012. The factory is well located and can be used for other commercial purposes.







# **Key Assets**

	26.51 Acres
No. of Buildings	13 (including 2 industrial buildings and 2 warehouses)
No. of Employees	



## Infrastructure

	-
	1
	5

Electricity	<ul> <li>Connected to the Inngone Substation</li> <li>Transformers: 300 kVA (2) units</li> </ul>
Water Resource	Ø 4" tube well (1) unit
Transportation	Close to the Yangon-Mandalay Highway

# **Key Features**

The factory can be used for other commercial purposes as:

- ✓ it is strategically located in the Kyaukse Industrial Zone which is about 40.54 km away from Mandalay;
- ✓ it has access to infrastructure (26.51 acres of land and buildings) and utilities (electricity and water); and
- ✓ Kyaukse is connected with other major cities by means of the Yangon-Mandalay Highway and the Yangon-Mandalay Railway.

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#### Legend



Purified Drinking Water Factory(Kyaukse)



Industrial Zone

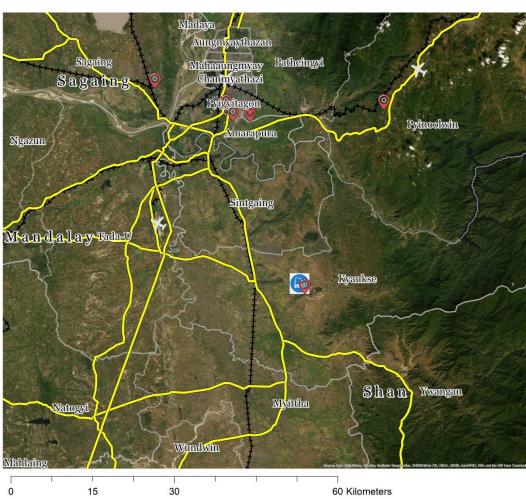


Airport



--- Railway





# Horses and Sheep Breeding Farm (Heho)

Location	Kalaw Township, Shan State, Myanmar.
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.
Background	Commercial horse breeding commenced to support the Pharmaceutical Factory (Insein) in the snake anti-venom production in 1999.







# **Key Assets**

Land Area	210.73 acres (including breeding farm area of 88.16 acres and animal food plantation area of 122.57 acres)
No. of Buildings	45 (including 16 stables and 10 warehouses)
No. of Employees	705



## Infrastructure

0		
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Electricity	•	Connected to the Heho Substation
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• Transformer: 300 kVA (1) unit

Water Resource

Water Ø 8" tube well (1) units

- ✓ The farm could be used for other commercial purposes as it is located in southern Shan State, the best soil and weather conditions for plantation and keeping livestock in Myanmar.
- ✓ It can access other major cities due to its location along the Meiktila-Taunggyi Highway and near the Heho Airport (3.2 km away).
- ✓ It has access to infrastructure (210.73 acres of land and buildings) and utilities (electricity and water).

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230 460 920 Kilometers

#### Legend



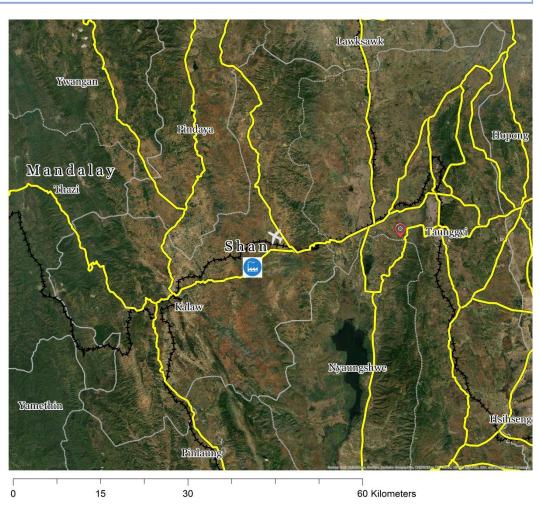
Horses & Sheep Breeding Farm (Heho)



- Airport

Highway
Railway





## **Thaton Industrial Park**

Location	Innshae Village, Thaton Township, Mon State,
	Myanmar.
Owner	Ministry of Industry,
	The Government of the Republic of the Union of
	Myanmar.
Background	In 2016, the Government of Myanmar decided to
	implement Thaton Industrial Park.
	The whole area (over 650 acres) is available for all
	types of industrial zones (such as Textile
	Manufacturing Zone or Rubber Based Products
	Manufacturing Zone).







## **Key Assets**

Land Area	677.77 acres
No of Buildings	36 (including 6 warehouses).
No of Employees	156



## **Infrastructure**

Electricity	66 kV transmission line
	Thaton gas turbine
	• Transformers: 25 MVA (2) units, 10 MVA (2)
	units
Water resource	Supply from the Kyauksarik Stream
Transportation	Close to the Asian Highway 1 (AH-1) and the
	Yangon-Mawlamyine-Myeik Highway



- The industrial park enjoys its prime location on the Asian highway 1 (AH-1).
- ✓ It has the potential to become a future trading zone in Myanmar due to its optimal location near Myawaddy trade center on the Thai-Myanmar border, the Ye container port (223 km) and the Dawei deep sea port (383 km).
- Convenient access to other major cities of Myanmar Yangon,
   Mawlamyaing and Hpa-an.
- ✓ It has access to infrastructure (land and buildings) and utilities (electricity and water).
- ✓ Skilled and experienced local workers can be available.



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#### Legend

Thaton Industrial Park



Industrial Zone



Airport

---- Highway

Railway





# Horses and Sheep Breeding Farm (Pwintphyu/Pwintbyu)

Location	Pwintphyu Township, Magway Region, Myanmar.
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.
Background	The factory commenced in 1979 producing herbal plants to be used in the production of traditional medicines by the Pharmaceutical Factory (Insein).  Between the years of 2009 and 2017, the farm bred sheep to support the Pharmaceutical Factory (Insein) in the production of snake anti-yenom.







# **Key Assets**

Land Area	220.12 acres
No. of Buildings	12 (including 3 warehouses)
No. of Employees	6



## Infrastructure



Electricity	Connected to the Spinning & Weaving Factory
	(Pwintphyu)
	Transformer: 75 kVA (1) unit
Water	Ø 4" tube well (1) unit
Resource	
Transportation	Collocated next to the Magway-Salin-Chauk Road
	and close to the Pathein-Monywa Highway

- ✓ The site could be used for other purposes such as industrial, commercial or agricultural, as it has access to infrastructure (220.12 acres of land and 12 buildings) and utilities (electricity and water).
- ✓ It is connected to the surrounding cities by means of the Magway-Salin-Chauk Road and Pathein-Monywa Highway.
- ✓ It is 1.6 km away from the Spinning & Weaving Factory (Pwintphyu).

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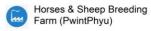
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## Legend

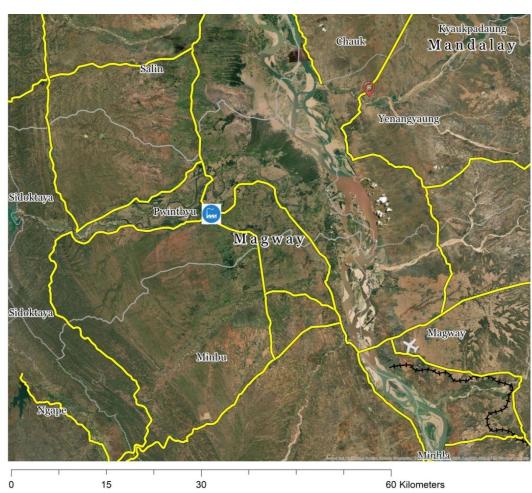




# Airport

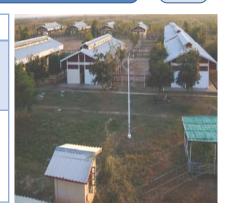
Highway
Railway





# Horses and Sheep Breeding Farm (Yanpae)

Location	Taungdwingyi Township, Magway Region, Myanmar.
Owner	Ministry of Industry, The Government of the Republic of the Union of Myanmar.
Background	Horse breeding commenced in 2007 and sheep breeding in 2009 in order to support the Pharmaceutical Factory (Insein) in producing snake anti-venom.





# **Key Assets**

Land Area	458.95 acres
No. of Buildings	33 (including 16 stables)
No. of Employees	23



## Infrastructure

Electricity	<ul><li>Connected to Corn Starch Factory (Yanpae)</li><li>Transformer: 315 kVA (1) unit</li></ul>
Water Resource	Ø 4" tube well (1) unit
Transportation	Close to the Yangon-Taungdwingyi-Magway Highway and the Magway-Taungdwingyi-Nay Pyi Taw Road



- The site could be used for other purposes such as industrial, commercial or agricultural, as it has access to infrastructure (458.95 acres of land and 17 residential buildings) and utilities (electricity and water).
- ✓ It is far from 25 km away from Taungdwingyi and connected to the surrounding cities by means of Magway-Taungdwingyi-Nay Pyi Taw Road and Yangon-Taungdwingyi-Magway Highway.

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0 230 460 920 Kilometers

#### Legend

Horses & Sheep Breeding Farm (YanPae)

Industrial Zone

# Airport

Highway
Railway



