



Pioneering bulk cargo
imports in Myanmar.
**IBTT,
Myanmar.**

Myanmar is undergoing rapid growth and modernization since reforms started in 2010. The food industry is at the forefront of that transformation to bring accessible and safe food to Myanmar's 53 million inhabitants. The consumption of baked goods, biscuits, noodles and meat is growing rapidly.

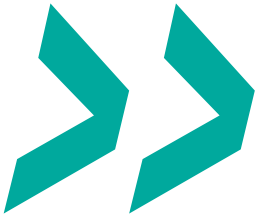
For years, Myanmar has been fueling its food industry growth with grain imported by containers. Back in 2013, Lluvia, a Joint Venture Company of Mitsubishi Corporation and Capital Diamond Star Group, teamed up with Kamigumi, Japan's largest bulk operating company, and JOIN, Japan Overseas Infrastructure Investment Corporation for Transport & Urban Development, to solve Myanmar's import bottleneck by creating the first bulk terminal in the country: the International Bulk Terminal Thilawa (IBTT) was born.

The project settled on the banks of the Yangon river in the Thilawa Economic Zone, about one hour and a half drive South of Yangon, Myanmar's economic capital. The project was rapidly awarded to Penta Ocean Corporation and Bühler. The site was built in less than 2 years and commissioned on schedule, an achievement in Myanmar's sometimes challenging business and infrastructure environment.



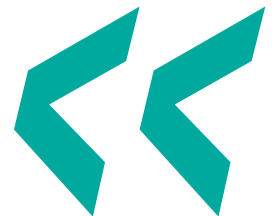
Grain storage. Truck intake, storage in 13 bins and truck loading.

Soy bean meal. Intake and flat storage for 20,000 tons.



*By kickstarting bulk cargo operations
in Myanmar, we strengthen the country's
food quality and improve competitiveness
of local food and feed industries.*

Okada Shimpei, Corporate Planning Manager,
IBTT, Myanmar.



Flexible and scalable by design.

IBTT is strategically located in the river mouth South of Yangon, Myanmar's economic capital, and close to the Thilawa Special Economic Zone. With bulk demand forecasted to increase rapidly, the IBTT team came to Bühler early in the process to discuss not only the initial project's plan, but also receive strategic advices on potential expansions of the site, creating a future-proof project.

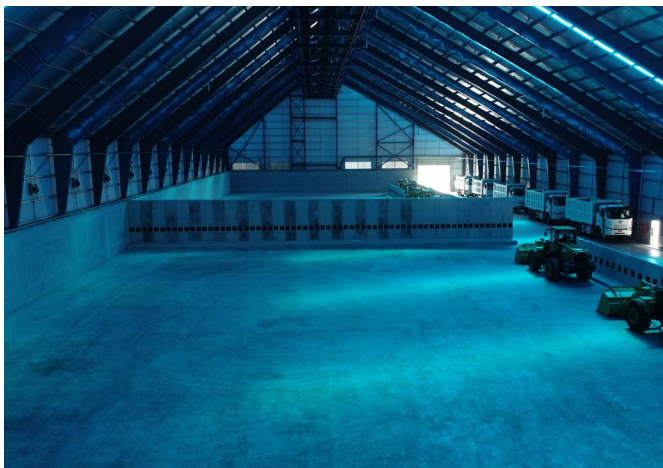
The first stage project of IBTT site includes a jetty 230 meters in length, 25 meters in width, with 11-meter draft, which has a designed capacity to accommodate vessels up to 200 meters LOA and 60,000 DWT (Dead Weight Tonnage).

For grain storage, Bühler provided a full intake and pre-cleaning system with conveying to 13 grain bins for a total capacity of 40,000 tons of wheat. The site also features a truck loading system with 3 dedicated smaller bins. The grain part of the project started to operate in May 2019.

For soy bean meal, used by animal feed mills in the region, Bühler provided a flat storage of a capacity of 20,000 tons.

IBTT foresees many potential growth opportunity for the company. First, grain and soy meal imports will continue increasing as the downstream customers will start building capacity. Bühler therefore made sure that the project can be expanded according to a "4-folds" design, multiplying the storage capacity of the project by 4 by mirroring 2 times the existing set up.

IBTT also anticipates that with the development of agriculture in the country, the project may soon start to export grain such as rice and corn by bulk vessel. Therefore it was important that the project remains versatile. The team insisted to create a simple design which could be re-purposed to support other products in the future.



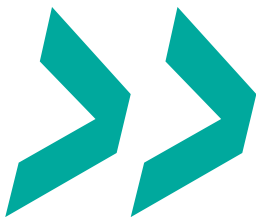
A low-angle, upward-looking photograph of industrial structures. On the left is a large, cylindrical silo with a metal lattice structure. To the right are tall, rectangular buildings with corrugated metal siding. A blue sky with scattered white clouds is visible in the background. Overlaid on the right side of the image are two large, semi-transparent circular graphics: a pink one in the upper right and a teal one below it, both partially covering the industrial buildings.

Proximity for service excellence

Bühler is an early-mover in Myanmar, having set up an entity and a permanent local team presence since 2014.

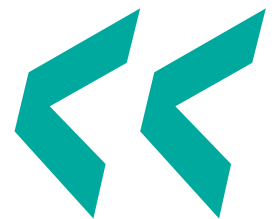
In 2018, Bühler inaugurated a new service station also located in the Thilawa Economic Zone, only 10mn drive from IBTT's location.

This service station acts as a base for our service engineers, and allows us to stock local spare parts to serve our customers in the best delays.



*Bühler didn't compromise
on quality for our installation in Myanmar.
This is the same top global quality
standard we enjoyed in Japan.*

Inaba Shogo, Port Operation Director,
IBTT, Myanmar.



The project at a glance.

	Type	Capacity
Intake	Grain - 3x trucks	each 125 t/h
	Soy bean meal - x3 trucks	each 100 t/h
Storage	Grain - 13 bins	40,000t
	Soy bean meal - Flat storage	20,000t
Pre-cleaning	1x LAKA + magnet	400 t/h
Conveying	x4 elevators	400 t/h
	x6 AHKG	400 t/h
	x6 AHKG	100 t/h
	x1 LBAA with a tripper car - Flat storage	400 t/h
Loading	Grain - x3 trucks	each 50 t/h
Commissioned	April 2019	



IBTT

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