

SUCCESS STORY
INDRAGRAHA

*MORE OUTPUT FOR LARGE
LOGISTICS PACKAGING*

Krauss Maffei

Pioneering Plastics



FASTER AND MORE PRECISE MX SERIES FOR LOGISTICS PRODUCTS

OVERVIEW

CUSTOMER: Indragraha

COUNTRY OR REGION: Indonesia

INDUSTRY: Logistics and packaging

APPLICATION:

PALLETS AND PALLET BOXES

- Number of cavities: 1
- Shot weight: 22 - 30 kg
- Cycle time: 90 seconds
- Material: HDPE / PP / recycled material

MACHINE DETAILS:

MX 3200-101000

- Clamping force: 32,000 kN
- Screw diameter: 245 mm

CUSTOMER PROFILE:

Indragraha is a market leader in Indonesia for large logistics packaging and distributes its products throughout all of South-east Asia. The portfolio includes pallets, trash containers, bottle crates and all different types of containers.

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REQUIREMENTS:

- High plasticizing and injection capacity
- High levels of precision, fewer rejects
- Faster cycle times compared to previous systems

INDIVIDUAL SOLUTION:

- Complete solutions from a single source
- HPS (High-performance screws)

BENEFITS:

- Excellent melting behavior with high levels of material throughput
- Short cycle times
- High levels of machine availability and cost-effectiveness
- High energy efficiency
- Faster return on investment

The Indonesian packaging manufacturer Indragraha trusts KraussMaffei machines of the MX series and benefits from fast cycle times and high levels of machine availability.

Indragraha owner and Managing Director Pranoto Boedi controls the activities of his company himself, and when the purchase of a new injection molding machine was being planned, he decided not to buy an Asian model as previously, but instead to change over to the MX series from KraussMaffei. At first glance, this seems like a financial burden, as premium European makes cost up to three times more than low-budget versions from Asia. However, thanks to fast cycle times, low scrap rates and high machine availability, the procurement costs are recouped within just a few years. Subsequently, the company earns additional money with its investment – depending on the article, up to several hundred thousand euros per year.

In response to the question regarding the greatest difference between the KraussMaffei machines and the Asian systems, Boedi names speed. The MX machines are extremely fast and very energy-efficient. In addition, the precision. Scrap has decreased from previously five per cent to practically zero per cent. A Big Box weighs up to 30 kilograms. If you have to throw away almost five per cent fewer parts, this immediately has a positive effect on earnings.

After the successful commissioning of the MX 3200, Indragraha added an MX 2300 and another MX 1000 to its machine pool.

“The MX series continues to impress us thanks to its speed and precision.”

(Pranoto Boedi,
owner and managing director of Indragraha)



Fast and efficient: the scrap rates were reduced significantly using the MX 3200.



Pallets, containers etc.: Indragraha distributes its products throughout all of Southeast Asia.



*Quality pays off:
The IndraGraha team in front
of its MX 3200.*