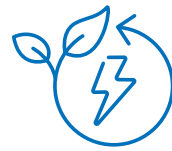




Ultra Fast

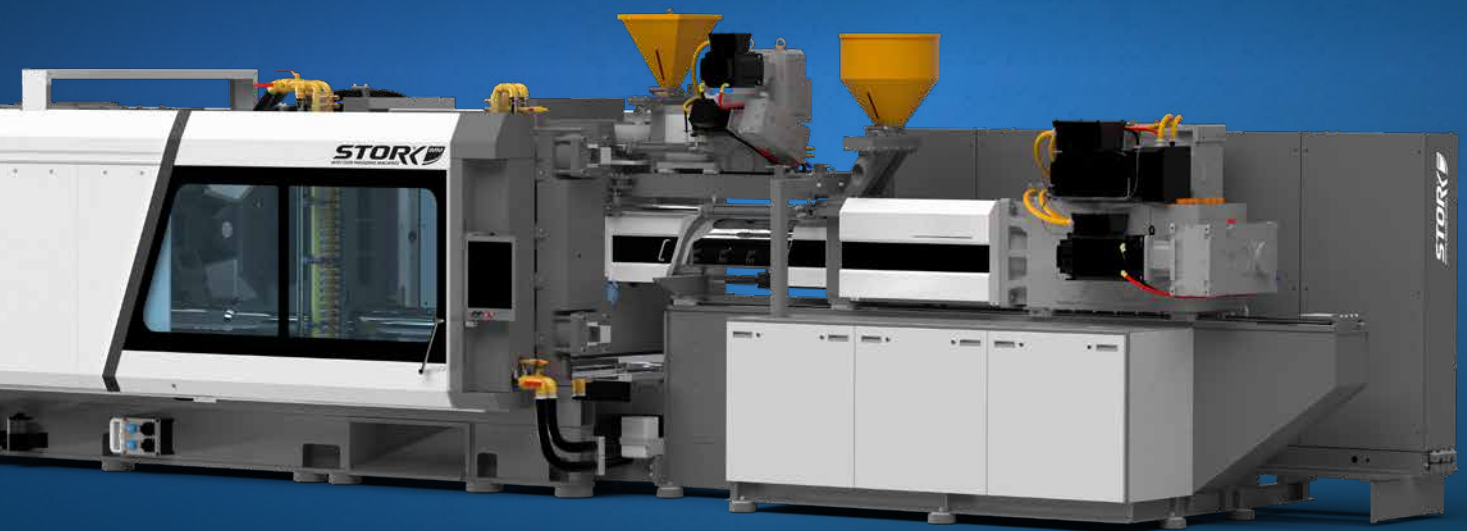


Reliable



Sustainable

All-Electric Stork IMM 6600-3550 with 2K



The Stork IMM is a heavy-duty IMM, designed to run a lifetime at short cycle-times, 24/7. Speed and reliability are key elements that apply both for the machine as for the after-sales service.

Stork IMM injection moulding machines have low cost of ownership. Due to their robust and rigid design, the lifetime of moulds is longer than normal.



Key benefits

- ✓ Maximum output
- ✓ Less downtime
- ✓ Lower energy cost

built for high-performance packaging

All-Electric Stork IMM 6600-3550 with 2K



The all-electric Stork IMM 6600-3550 machine with ultrafast injection acceleration, includes the improved platen stiffness, linear guiding under the movable platen and clamped toggle pins for a longer lifetime of the mould, a better product quality and all machine options for an optimized pail production. The machine produces a 2 cavity 5L PP (135g) Pail with handle and IML with a cycle time of 5.9s (1220 parts/hour). Energy consumption 0.31 kWh/kg.

Injection Moulding Machine

Type	Stork IMM 6600-3550 2K
Clamping force	6600 kN
Cycle time	5.9 s
Dry cycle time	2.1 s (651 mm)
Screw	72 mm 25 L/D
Injection pressure / speed	2100 bar / 450 mm/s
Machine type	All Electric
Electrical clamping	Yes, rack and pinion drive
Electrical injection	Yes, rack and pinion drive
Electrical screw drive	Yes
EUROMAP 77 compatible	Yes
Energy consumption	0.31 kWh/kg
EUROMAP 60.1 energy class	9 (cycle II)*

Mould

Supplier	Brink Moulds & Automation
Type	2 cavity 5 litre Pail
Wall thickness	0.95 mm
Product weight	135 g
Material	SABIC® PP FPC75

Automation

Supplier	Brink IML-system and handle mounting unit
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Material transport

Supplier	Koch-Technik
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Cooler

Supplier	Oni 493 KWSP 130
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*) Values are based on calculations of the actual machine configuration.

Built for High-Performance Packaging

The Stork IMM all-electric range is designed for flowerpots, pails, food packaging, and other thin-walled products. With clamping forces ranging from 2500 kN to 9000 kN, these machines provide:

- ✓ Ultra-fast injection speeds up to 450 mm/s with improved acceleration enabled by twin low inertia electrical motors
- ✓ Improved platen stiffness and stability for perfect product quality and longer mould lifetime in packaging moulds.
- ✓ Rack-and-pinion design for greater energy efficiency and long-term durability.
- ✓ Heavy-duty reliability to run 24/7 at short cycle times, with low energy consumption.
- ✓ Sustainable by design; long life time of mould and machine.

With its all-electric drive, this machine opens up new possibilities for manufacturers aiming for fully sustainable production. Energy efficiency, lower carbon footprint, and reduced noise level make it an ideal choice for modern plants focused on both performance and responsibility.

More info:



We thank the following companies for their contribution:

