



You can paint it any color...

...as long as the

“You can paint it any color, as long as it’s black.” These words, allegedly spoken in the early 20th century by legendary car manufacturer Henry Ford about his Model T, capture the very essence of industrial pragmatism. After all, carrying a wide product range takes a lot of time, effort and money. Which is a shame when the market is really asking for reliable and affordable specialized products.



Another industrial heritage

While Mr. Ford laid the foundation for the standardized production of cars, the Dutch Stork family worked on the development of various machinery. Marine engines, steam engines, gas turbines and, last but not least, injection moulding machines. The Stork company was successful in diversity, but the similarities with Ford were bigger than you might think.

Plus-line is white!

Plus-line

At Stork IMM we have taken Mr Ford's lesson to heart when it comes to the injection moulding machines and services we produce and offer. Our standard is the Plus-line: the fastest and most reliable machine, available in the market today. The Plus-line offers solutions for most companies in the injection moulding business. Because of its high production speed, the Plus-line is eminently suitable for thin-walled applications. Nevertheless, the heavy-duty design is also much appreciated in other markets due to its long lifetime and low costs of ownership (TCO).

More colors

For several applications we have given the Plus-line more color. This means we have pre-selected options which guarantee the machine is preeminently suitable for its task. The Food-line, the Pail-line, the Crate-line and the Pot-line are optimally equipped to produce food containers, pails, crates and flowerpots.

Complete systems

Injection moulding machines are often part of a production cell. Stork offers turn-key solutions in cooperation with the highest reputed suppliers. This allows Stork to offer not just a specialized injection moulding machine, but a complete system for instance with 2K applications, in mould labelling (IML) and advanced automation to optimize the complete production process in the factory!

Food-grade applications

- ✓ Approved lubricants
- ✓ Clean mould area
- ✓ Enclosed covers

Highest injection speeds

- ✓ Fast acceleration
- ✓ Perfect control
- ✓ Accurate switch-over
- ✓ Electric and hydraulic



Injection unit

		425		850		1450		2150		3550		5650		8650		12550		19000		31500	
Type	Clamping force	35	40	45	52	52	62	62	72	72	84	84	98	98	115	115	133	133	150	150	180
Plus-line 1500	1500 KN	✓	✓	✓	✓	✓	✓														
Plus-line 2000	2000 KN	✓	✓	✓	✓	✓	✓	✓	✓												
Plus-line 2500	2500 KN			✓	✓	✓	✓	✓	✓												
Plus-line 3300	3300 KN			✓	✓	✓	✓	✓	✓	✓	✓										
Plus-line 4400	4400 KN					✓	✓	✓	✓	✓	✓	✓									
Plus-line 5500	5500 KN							✓	✓	✓	✓	✓									
Plus-line 6600	6600 KN									✓	✓	✓	✓								
Plus-line 8000	8000 KN									✓	✓	✓	✓	✓	✓						
Plus-line 9000	9000 KN										✓	✓	✓	✓	✓	✓					
Plus-line 10000	10000 KN												✓	✓	✓	✓					
Plus-line 12000	12000 KN												✓	✓	✓	✓	✓	✓			
Plus-line 14000	14000 KN												✓	✓	✓	✓	✓	✓	✓		
Plus-line 16000	16000 KN														✓	✓	on request	on request	✓	✓	
Plus-line 18000	18000 KN														✓	✓	on request	on request	✓	✓	

Electric drives

- ✓ Robust rack and pinion
- ✓ High speed
- ✓ Fast acceleration
- ✓ Heavy duty



Massive steel platens

- ✓ Maximum stiffness
- ✓ Minimum cone
- ✓ Suitable for multiple cavities

stork plus-line

Clamping unit

fast and smooth



Robust 5-point toggle system guarantees fastest and smoothest movements.

Reinforced linear rail guidance provides accurate durable mould guidance.

Increased opening strokes for IML are available.

Extremely stiff platens are used for symmetrical filling at minimum clamping-force.

The extremely fast and precise mould security protects your valuable moulds.

Progressive lubrication with active monitoring ensures high reliability and long life-time.

Suitable for food-grade lubricants.

Internal tie-bar clamping-force measurement increases process quality.

Drives

accurate and energy efficient



Parallel movements of all functions enables shortest cycle-times.

Hybrid accumulator drive for fastest speeds and extremely short response times.

Comes standard with Stork controlled energy-optimized variable pump.

In-line high pressure filtration increases reliability.

Frequency controlled main engine reduces energy consumption.

Electrical clamping unit with robust rack and pinion drive and regenerative unit allows for shortest cycle-times at lowest energy consumption.

Electric injection fine-tuned for thin-walled applications.

SC1301 Smart touch intelligent and user-friendly



The IPC with 19" multi-touch screen presents all information in a clear and orderly fashion.

Stork's own software development provides us full control over process and optimization.

In-house software development guarantees short delivery-times in software changes.

Proven user-friendly concept.

Free programmable core-pulling and air-valve sequences are easy to program.

Integrated hot-runner with graphical display and optional current monitoring, boost and follow-me function increases process quality and easy-operation.

Remote service enables fast service intervention via our Stork help-desk.

Injection unit high output and homogeneous melt



Special mixing screws up to and including 27 l/d deliver highest output and optimum dispersion of master-batch.

Extremely fast injection and switch-over are ultimate conditions for quality in thin-walled injection moulding.

The robust shut-off nozzle with large bore reduces pressure-drop.

2K-solutions in different arrangements are available for different applications.

High circumferential speeds enable short plasticizing times and high output.

Screw with optimized geometry for recycled material.

Quick-acting and wear-resistant ring valves prevent the backflow of material.



The Stork Plus-line represents top quality in injection moulding machines. We aim for maximum reliability resulting in maximum uptime. This entails supplying high quality Stork injection moulding machines as well as impeccable services.

Consequently, we'll do whatever it takes to offer the highest degree of service, allowing you, in turn, to offer your customers the guarantee of maximum delivery performance. This unique brand of craftsmanship is the pride of everyone working at Stork. We're at your service, day in and day out.

Let's stay in touch

As a blooming and innovating company, we frequently have exciting news to share with you. For updates, ingenious options, interesting quotes, part ordering, product registration and more, please pay regular visits to our homepage at www.storkimm.com.

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