



INJECTION
MOULDING
MACHINES

STORCK[®] **IMM** FOOD-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 and 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.

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 department provides us full control over process and optimisation.
- 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 controllability.
- Remote service enables fast service intervention via our Stork help-desk.
- The ECO page allows for energy optimisation of the process.

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-optimised fast variable pump.
- In-line high pressure filtration increases reliability.
- Frequency controlled main engine reduces idle losses.
- 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.

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.





**MASSIVE STEEL
PLATENS**

- Maximum stiffness
- Minimum cone

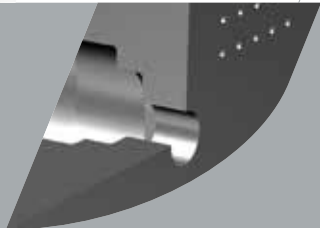


ELECTRIC DRIVES

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

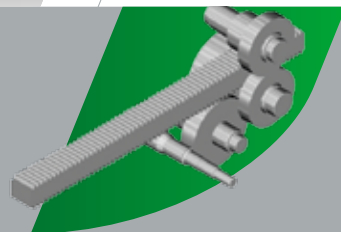
**FOOD-GRADE
APPLICATIONS**

- Approved lubricants
- Clean mouldarea
- Enclosed covers



**HIGHEST
INJECTION SPEEDS**

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





FOCUS ON THE FOOD-LINE

The production of containers for the food-industry requires maximum hygiene. The Stork injection moulding machine can also be lubricated with food-grade oil and lubricants.

Stork uses extremely stiff platens for symmetric filling and minimum clamping force.

Extremely thin-walled food packaging requires extremely high injection speeds. The Stork injection moulding machine combines an extremely high injection speed with a fast and accurate switch-over to holding-pressure.

Stork also supplies fully electric machines for the food-industry. Stork electric drives are distinguished by a robust rack and pinion drive that allows for the highest speeds. The rack and pinion drive has proven to be the most reliable drive.

Injection moulding machines in the food-industry are often part of a production cell. Stork offers turn-key solutions in co-operation with the highest reputed suppliers.

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FOOD-LINE SPECIFICATIONS

		425		850		1450		2150		3550		5650		8650	
		35	40	45	52	52	62	62	72	72	84	84	98	98	115
FOOD-LINE 1500	1500 KN														
FOOD-LINE 2000	2000 KN														
FOOD-LINE 2500	2500 KN														
FOOD-LINE 3300	3300 KN														
FOOD-LINE 4400	4400 KN														
FOOD-LINE 5500	5500 KN														
FOOD-LINE 6600	6600 KN														
FOOD-LINE 8000	8000 KN														

RELIABLE SERVICE

- ✓ 24 hours a day, 7 days a week.
- ✓ Service desk manned by experienced specialists.
- ✓ Remote-service support.
- ✓ On-line parts ordering.



*Deze brochure is samengesteld met de grootst mogelijk zorg,
er kunnen echter geen rechten worden ontleend aan de inhoud.*



FOOD-LINE

The Stork Food-Line represents top quality in injection moulding machines for manufacturing thin-walled food packaging. In this special product line we translate our customers' passion, craftsmanship, experience, and requirements into dedicated solutions. We constantly listen to our customers, integrate the insights thus gained into our ever growing expertise and ensure effective implementation in our products. This is a dynamic process. Stork is innovating continuously. It's the very reason why our injection moulding machine will always be the best, fastest and most reliable for manufacturing thin-walled food packaging. Of course we apply the same philosophy to our other product lines.

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. To our staff being service-oriented is in their DNA – and we expect no less from our suppliers. As a result you as a customer are assured of optimum support chain-wide.

Each and every Stork employee one is an ambassador for the craftsmanship we offer you. In our book, craftsmanship extends to the way we listen to customers, give advice, develop, manufacture, and provide services. This unique brand of craftsmanship is the pride of everyone working at Stork. We're at your service, day in and day out.

AT STORK IT'S ALL ABOUT THE CUSTOMER

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