

PYROLYSIS AT THE HIGHEST LEVEL

The Super-Cleaner SC 700 is a powerful vacuum oven for the reliable and gentle cleaning of delicate metallic parts, such as filtration disc or extrusion components, which are contaminated with thermoplastic plastics.

The cleaning process of the parts follows a defined and temperature controlled pyrolysis process. The vacuum inside the oven as well as the exact temperature prevents combustion during the cleaning. The components are protected from overheating and annealing during the entire time. This leads to a long lifespan of precious components and filtration discs.

The SC 700 cleaning cycle is depending on the size of the part or tool that needs to be cleaned and ranges from approx. 120 to 240 minutes. During this process a temperature of approx. 400 to 450 °C is reached and a vacuum of approx. 400 mbar.

For the installation and use of the SC 700 a water supply, water outlet, gas suction, and electrical connections are required.

Technical data Super-Cleaner SC 700

Main dimensions (L × W × H)	1,950 × 950 × 1,570 mm
Dimensions workspace	Ø 707 × 654 mm
Max. weight of tools	170 kg
Vacuum pump	1.5 kW/2,800 min ⁻¹
Heating power	9 × 1 kW
Water consumption vacuum pump	3–5 l/min at 2 bar
Electrical installation standard	3 × 400 V/50 Hz
Control voltage	230 V/50 Hz
Connection water supply	1/2"
Connection water outlet	1"
Connection gas suction	2"
Max. temperature	up to 450 °C



SC 700 (depiction)



SC 700 accumulation bin

MAS PERIPHERY

Established & reliable

CLOSED PROCESS WATER CIRCUIT

The M-A-S closed process water circuit type CC 290 guarantees ideal technical water supply for the water ring pumps of the extrusion process. This system reduces the fresh water supply required to a minimum. This will result in saving precious water while keeping the operational costs as low as possible.

Type	Type CC 290
Stainless steel-water tank	290 l
Water pump	0.6 kW
Water filter	2 pcs. for alternation operation
Heat exchanger	plate heat exchanger, stainless steel



CC 290 (depiction)

THROUGHPUT SCALE

The throughput scale type DW 1500/2500 provides a very reliable measuring instrument in order to monitor throughputs of your re-pelletizing-line. This system is design to measure pourable materials such as regrind and pellets. Easy control, simple and fast start-up, high quality components are the main cornerstones of this system. The system with nearly no wears enables as well as guarantees the recording and gathering of process data.

Technical data throughput scale	Type DW 1500	Type DW 2500
Main dimension (B x T x H)	640 x 700 x 1,750 mm	640 x 700 x 2,000 mm
Max. throughput	1,500 kg/h	2,500 kg/h
Capacity weigh container	51 l (25 kg)	85 l (35 kg)
Connection	100 mm	100 mm

SILO THROUGHPUT SCALE

The silo throughput scale TMS 2500 provides a fully integrated solution for the measuring, saving as well as filling of pourable materials, such as pellets or regrinds in one system. The silo throughput scale relies on the throughput scale DW 2500 in combination with a silo and sacking station. All parts that are directly in contact with processed material are made out of stainless steel. The integrated control provides information such as the current filling quantity of the silo, the current throughput as well as other process relevant data such as total quantity produced and shift log.

Technical data silo throughput scale TMS 2500	
Main dimension (B x T x H)	1,500 x 1,700 x 4,600 mm
Max. throughput	2,500 kg/h
Silo-volume	2,100 l
Connection	NW 160



TMS 2500 (depiction)