

AUTOMATIC UNIT FOR CLEANING TUBE BUNDLE INTERNALS

- The unit is equipped with 3 lances. Forward and return strokes hydraulically powered link chain drives.
- Centres between lances manually adjusted by a spindle.
- Lance holder traversing by screwed spindle, hydraulically powered.
- Max. width: 1800 mm. Max. height: 2200 mm with lance holder raised and lowered hydraulically.
- Precise guiding of lances and hoses ensures trouble free continuous operation.
- Feeding of press water via high pressure hoses to rotary joints.
- The Pipemaster is operated from a control unit complete with electric motor IP44 and connected via hydraulic hoses.
- All movements can be infinitely adjusted

Pipemaster as described above.	Code no.
	09.00760.

Accessories for Pipemaster	Code no.
1 Roller block hydraulically powered to rotate the tube bundle	
1 Roller block unpowered. Roller centres manually adjustable.	

Tube bundle cleaner with single rotating lance, max. operating pressure 2000 bar. Hydraulically powered chain drive. Free standing aluminium frame.	09.00760.0002
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In situ tube bundle cleaner. Friction belt drive, max. operating pressure 1000 bar. Adjustable in xy axis by hydraulically powered screwed spindle. Suction attachment for waste water. Without hydraulic system and without vacuum unit.	09.00760.0004
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AUTOMATIC UNIT FOR CLEANING TUBE BUNDLE EXTERNALS

- Mounted on a rigid steel profile frame with hydraulically driven rollers to rotate the bundle.
- Gantry with nozzle bar, 1800 mm wide.
- Nozzle bar raised/lowered as well as traversed hydraulically via spindle gear.
- Nozzle bar can be turned and swivelled hydraulically.
- Gantry travel via hydraulically driven link chains.



Technical Data (see illustration)

Length:	12550 mm
Width:	2350 mm
Height:	3900 mm
Total weight:	8800 kg
No. of axles:	2
Permissible front axle load:	4500 kg
Permissible rear axle load:	4500 kg
Tyre pressure:	8,5 bar
Max. load per support leg, static:	20 t
Max. load per support leg when lifting:	10 t
Max. permissible total weight of unit:	40 t

Suitable for heat exchanger tube bundles:

Max. length:	8500 mm
Max. diameter:	1800 mm

Denomination	Code no.
as described above, without trailer and without cabin	09.00770.0002
as above, cross bar, guide sledge and hose guidance made of 1.4571	09.00770.0005

Accessories	
cabin for operating person	
hydraulic unit with HATZ diesel engine, mounted on the frame	
low loader trailer, 80 km/h, conforming to road going regulations	

Tube bundle puller	
pneumatic, for deployment by crane Bundle diameter: 1300 mm Weight: max. 12 t	09.00780.0002
Bundle diameter: 1800 mm Weight: max. 30 t	09.00780.0001