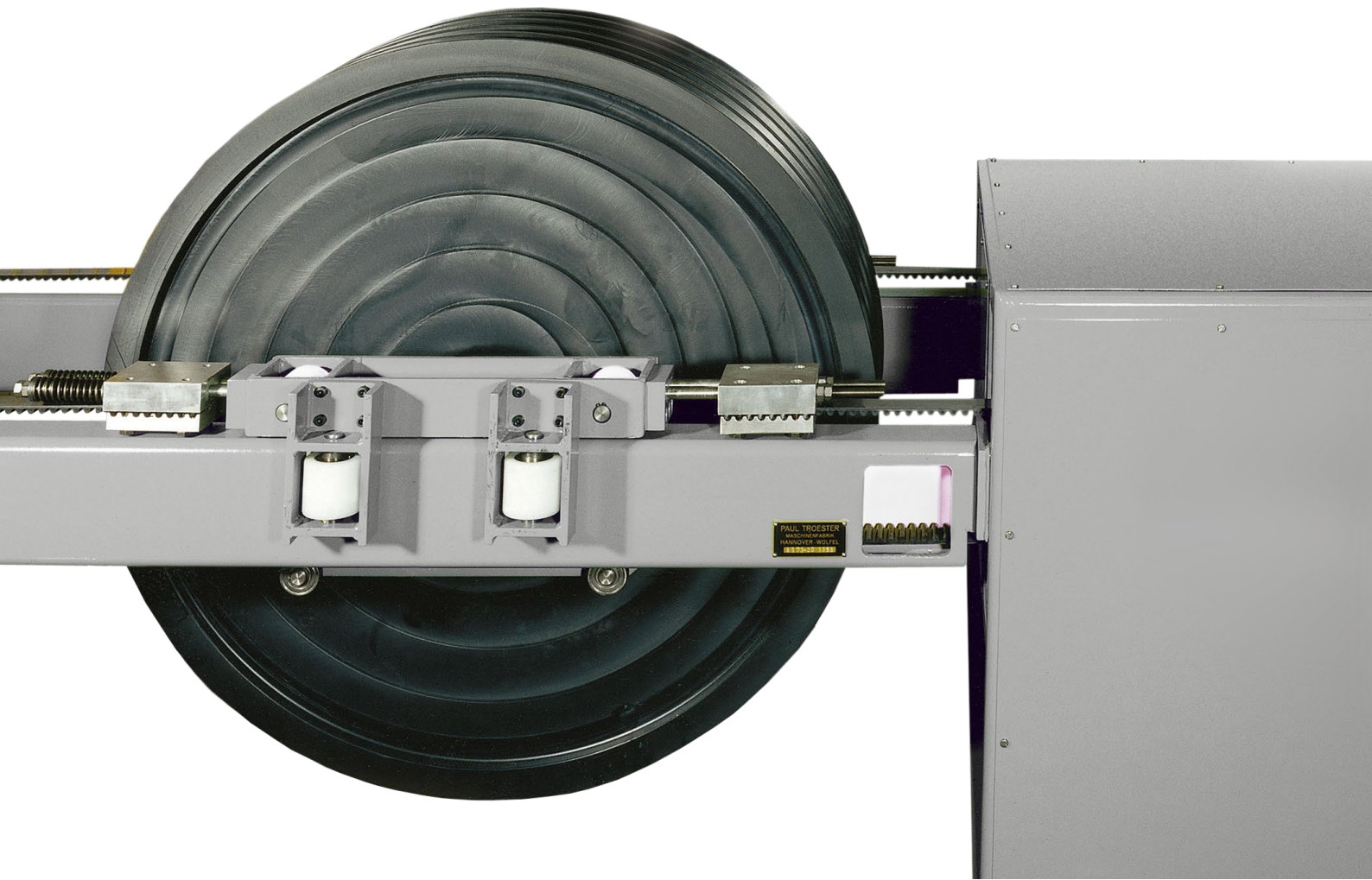


Accumulators HMS, VMS, HMSL

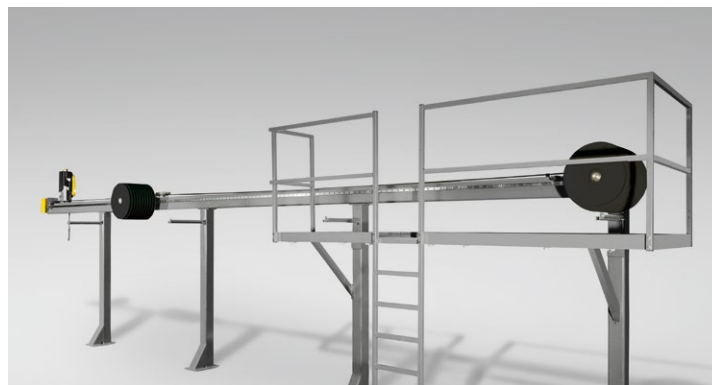


TROESTER

EXCELLENCE IN EXTRUSION.

Accumulators HMS, VMS, HMSL

Technical Data	VMS	HMS						HMSL			
	2530	1030	1230	1650	2050	2550	3080	505/ 509	605/ 609	805/ 809	1009
Diameter of pulley	2500	1000	1250	1600	2000	2500	3000	500	630	800	1000
max. Conductor/Cable Diameter [mm]	90	35	44	56	70	90	110	20	25	30	35
Max. tensile force of the accumulator carriage [N]	30000	30000	30000	50000	50000	50000	80000	5000/ 9000	5000/ 9000	5000/ 9000	9000
Accumulator capacity max. [m]	100	280	280	280	280	280	180	320	260	200	180
No. of movable rolls max.	2	7	7	7	7	7	4	16	13	10	9
No. of rolls at the turn-around station max.	2	8	8	8	8	8	5	17	14	11	10
Max. accumulator stroke length [m]	25	20	20	20	20	20	22,5	10	10	10	10



Accumulators
HMS and HMSL

Set-up times during drum changes, welding on or separation of conductors or strands must not interrupt the continuous operation of the line. In addition, tension must be kept constant throughout the entire production process.

For that purpose TROESTER offers a variety of motor driven accumulators in horizontal and vertical design.

The horizontal motorized accumulators HMS are mainly designed for larger plants and higher accumulator power for conductors respectively cores/cables with a diameter up to max. 70 mm.

The vertical motorized accumulators VMS are designed for installation in VCV towers to optimally use the space in such arrangements. Accumulator stroke lengths of 25 m can be easily reached, which also reduces the total amount of turn-around wheels.

The accumulators HMSL are especially suitable for smaller conductor and cable diameters respectively. Because of its construction the accumulator HMSL can be mounted ideally space saving above cable cooling troughs.

TROESTER has paid attention to easy handling and minimal maintenance requirements. The motorized accumulators are designed in a way that the turn-round wheels on the movable carriage are driven through a maintenance-free toothed belt by a AC motor.

The stationary wheels are rigidly attached to the turn-round station. During filling or emptying a pneumatically operated clamping device holds the conductor or cable on the drum changing side.

Special design features – including precision guidance, lightweight turnround wheels and maintenance-free toothed belts – are employed to achieve optimal operational characteristics, including very smooth operation and high dynamic responsiveness of the accumulator.

TROESTER offers various accumulator sizes with wide ranging storage capacities, enabling the units to be optimized to meet specific requirements. Accumulator tension can be read off a display unit, set and adjusted at the accumulators or at the central line control. A length measuring wheel and fill-state display of the accumulator capacity may be integrated as option.

Main Advantages of TROESTER Motorized Accumulators

- > High damping properties ensuring high running smoothness
- > Easy operation
- > Extremely maintenance friendly
- > Accumulator carriage driven by maintenance-free belt
- > Low dynamic weight
- > Vertical design for space optimization in VCV lines
- > High safety standards