

THE BENCHMARK IN
DOSING TECHNOLOGY.

▲ **TOP 7000 Pro**

DOSING SYSTEM



24
MONTH
WARRANTY



TRY-IT-FIRST
TEST **FREE OF**
CHARGE &
WITHOUT
OBLIGATION

TOP CONVEYED
TOP MIXED
TOP IN USE



DOSING AT THE HIGHEST LEVEL

Process stability is the decisive quality feature of dispensing systems. The TOP 7000 Pro dosing system not only guarantees the highest part quality, but also reliable continuity. Thanks to the precise mixing ratio of silicones and additives and the outstanding efficiency of the system, the TOP 7000 Pro sets a new benchmark in the market.

POWERFUL

- ▶ Delivery rate more than 5 liters/minute / 1.32 gallon/minute*
- ▶ Max. Pump pressure 230 bar / 3336 psi

STABLE & PRECISE

- ▶ Stable pressure curve during dosing thanks to material pressure limiter
- ▶ High-precision volume counters guarantee exact mixing ratios and maximum process stability.
2.0 µl/lmp (512.000 lmp/L)

ECONOMIC EFFICIENCY

- ▶ Material utilization per container up to 99.8 %
- ▶ High-quality components = service life of 20+ years
- ▶ Low maintenance costs

ENERGY EFFICIENCY

- ▶ Electrical energy consumption approx. 50 Wh
- ▶ Minimal idling losses - no pressure loss

VERSATILE IN USE

- ▶ UL and CE compliant (FDA optional)
- ▶ Widest viscosity range on the market:
Pump unit M: 0.001 bis 3000 Pas** (16.000 Pas***)
Pump unit S (Optional): 0.001 bis 1000 Pas**

SAFETY

- ▶ Safest system on the market (EN ISO 13849-1)
- ▶ Fully automatic drum change from the edge of the drum
- ▶ Air detection

USER-FRIENDLY

- ▶ Can be fully integrated into machine control systems (OPC UA | Euromap 82.3)
- ▶ Fully automatic de-airing
- ▶ Intuitive and simple operation

PROCESSING UNIT 40D12

- ▶ Modular design
- ▶ Flow-optimized
- ▶ Integrated cooling
- ▶ Simple clamp connection
- ▶ Easy cleaning (step by step video)
- ▶ 45° & 90° connection

ADDITIVE LINES

FLEXIBLE & PRECISE

- ▶ Additive container: 1 l / 4 l / 20 l
0.26 gal / 1.06 gal / 5.28 gal
- ▶ Controlled additive supply
(resolution < 0.1 µl/lmp)

* Measured with silicone oil at $\dot{\gamma}=10 \text{ 1/s}$ $\eta = 2.7 \text{ Pas}$ (A+B component)

** $\dot{\gamma}=10 \text{ 1/s}$ | *** $\dot{\gamma}=0.2 \text{ 1/s}$

**MORE THAN
25 YEARS OF
EXPERIENCE**

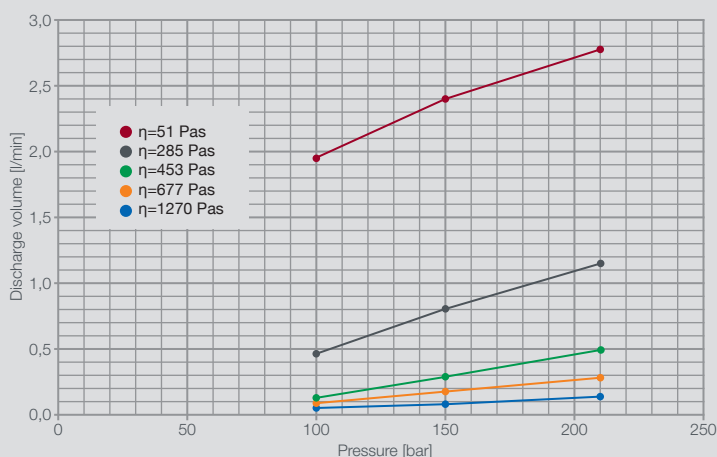
ELMET 
SMART SILICONE SOLUTIONS

TECHNICAL INFORMATION TOP 7000 Pro

Dimensions L/W/H	1150 x 790 x 1965 mm 45.3 x 31.1 x 77.4 inch
Drum sizes	200 / 20 liters 55 / 5 gallons
Drum change	3 sides (180°) in 2 minutes automatically guided
Usable materials [Pas]**	
Pump unit M	0.001 to 3000
Pump unit S	0.001 to 1000 (Optional)
Delivery rate	
per component @ 2,7 Pas (M)	> 2350 cm ³ /min
per component @ 2,7 Pas (S)	> 2500 cm ³ /min (Optional)
Maximum delivery pressure (M)	230 bar / 3336 psi
Maximum delivery pressure (S)	210 bar / 3046 psi (Optional)
Power supply	100 - 264 VAC, 4 A
Air supply	6 bar – 1000 NL / min (1/2")
Additive lines	max. 6
Static mixer	1 Standard (Expandable)
Volume counter	Yes
Certifications	CE, UL, RoHS (FDA optional)
Eco-Mix (Simultaneous drum emptying)	Standard

Fix-Mix (Freely selectable mixing ratio)	Standard
Shore-Mix	Optional
LSR Select	Optional
Pump unit M for 3000 Pas**	Optional
Barcode drum detection	Optional
Drum lifter	Optional
Wheels	Standard
Customized paint work	Optional
Process documentation USB	Standard
OPC UA	Standard
Euromap 82.3	Standard
Remote maintenance via VNC	Standard
Premium Connectivity	Optional
Simplex (1 dosing system to 2 IMM)	Optional
Tandem (2 dosing systems in alternating operation)	Optional

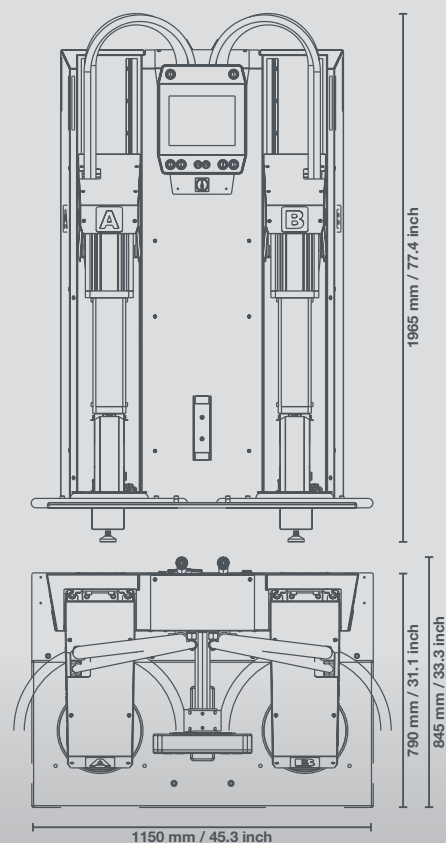
DELIVERY RATE PUMP UNIT S



Viscosity measured at $\dot{\gamma}=10/s$



**TOP
7000 Pro
LEARN
MORE**



DOSING TECHNOLOGY.
MOLDING TECHNOLOGY.
TURNKEY SOLUTIONS.
PRODUCTION SOLUTIONS.



FOR MORE THAN 25 YEARS

we have been developing customized, innovative solutions for our customers. As a global high-end full system and service provider for the processing and dosing of liquid silicone (LSR), we at ELMET are among the leading specialists in this field.



SMART SILICONE SOLUTIONS

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