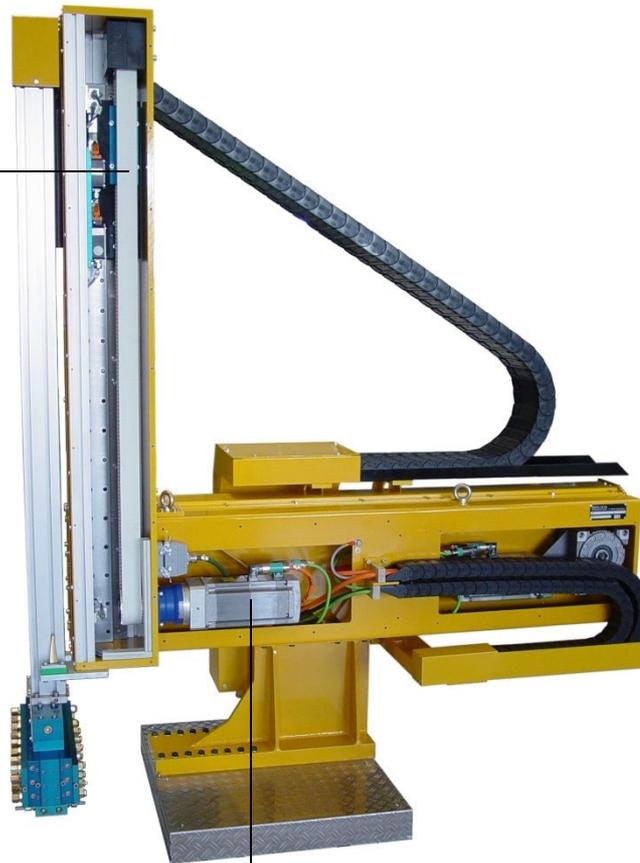


Drive unit die spray systems

Sprocket belt

- non-slip
- synchronised running
- low noise
- constant length
- high efficiency, up to 98%
- maintenance-free
- oil and grease resistant
- temperature resistant from - 30° C to + 80° C, (briefly even hig



Motor

- user-friendly handling and high reliability
- low maintenance through brushless design
- high performance reserves
- long working life even under high thermal loading
- full torque over the whole speed range
- low inertia and high acceleration
- permitted overloading up to 5 times the idle torque

General technical data and description

motor	servomotor 6 - 27 Nm (protection class IP 64)
speed	max. 2.2 m/s
acceleration	max. 7 m/s ²
path measurement	incremental rotary encoder
gears	low free-play, high performance and precision gears
type of drive	wear-resistant polyurethane sprocket belt with steel wire reinforcement
linear guides	corrosion-protected guide rails with ball race units
positioning accuracy	+/- 0.5 mm
repeatability	+/- 0.5 mm
centralised lubrication	fully automatic oil lubrication with electrical level and pressure monitoring