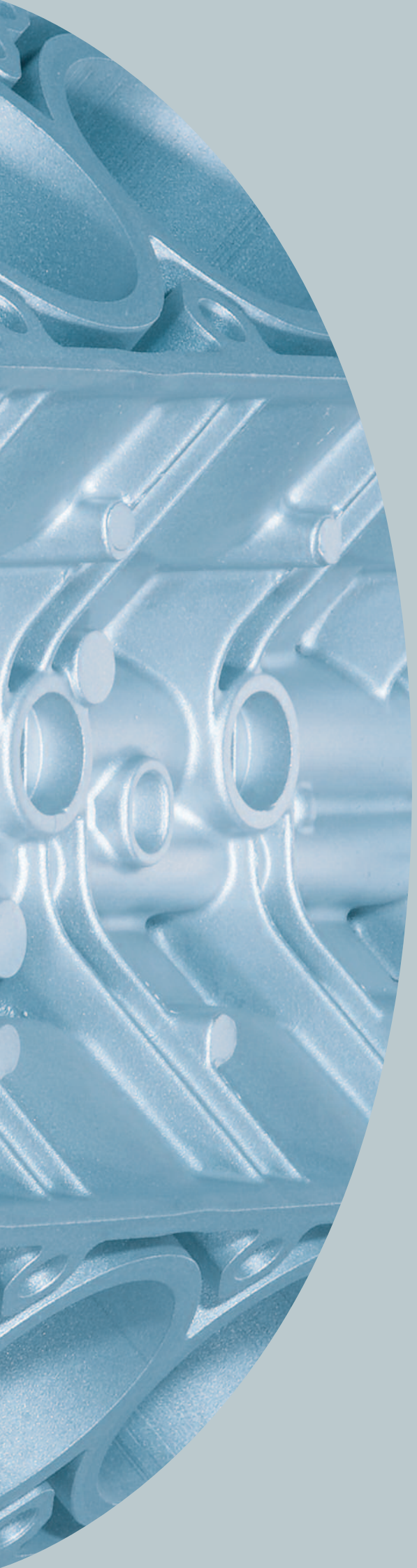
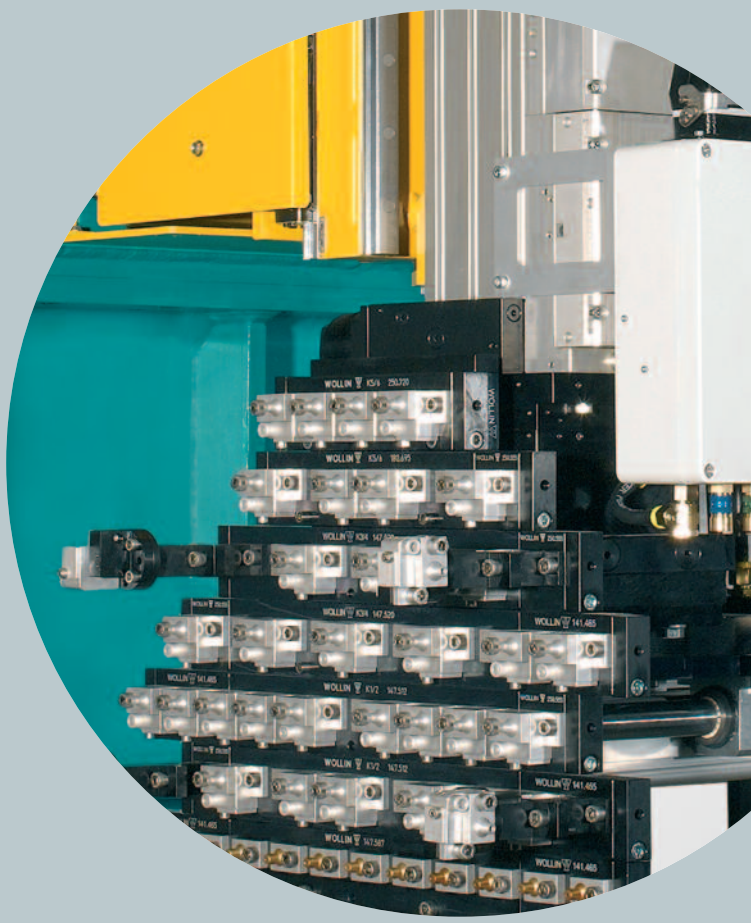


TELESCOPIC-
DIE SPRAYING MACHINES
PowerSpray



WOLLIN

SYSTEMATIC SPRAYING TECHNOLOGY

DIECASTING COMPATIBILITY!

The diecaster's concept for the future: innovative technology, optimised work processes and seamlessly meshed solutions.

PowerSpray – TELESCOPIC-DIE SPRAYING MACHINES MAKE SHORT W

COMPACT WITH HIGH PERFORMANCE

- Die spraying machine with telescopic vertical axis
- The ideal solution for low ceilings over the diecasting machine e.g. low workshop halls or craneways
- Increased load bearing capacity up to 240 kg
- Pneumatic balancer cylinder provides mass compensation
- Corrosion free guideways
- No deviation in spraying parameters
- Flexibility for further spraying technologies
- Short set-up times
- Low maintenance

PowerSpray-DIE SPRAYING MACHINES

Type		PSM 1 F	PSM 2 F	PSM 3 F	PSM 4 F
DCM range	kN	1600–5000	1600–9000	4000–20000	16000–55000
Drive		AC-Servo	AC-Servo	AC-Servo	AC-Servo
Vertical stroke	mm	800/1000	800/1000/1300	1300/1600/2000	2000/2200/2500
Horizontal stroke	mm	800/1000	800/1000/1300	1000/1200/1600/2000	2000/2500
Separating agent		2	2	3	4
Spraying circuits		2	4	6	8
After-blasting circuits		2	4	6	8
High-pressure blasting circuits		2	2	2	2
Control		SC 1/PC 2	SC 1/PC 2	PC 2/PC 84	PC 2/PC 84
Speed	m/sec.	0,1–2,5	0,1–2,0	0,1–2,0	0,1–2,0
Spraying tool	max. kg	20	40	80	160

ORK OF YOUR SPRAYING TIMES.

The ***PowerSpray*** die spraying tool is patented.

PC 2 PROCESS CONTROL

The universal spraying process control

- Dynamic and modern PC-based continuous path control for up to 3 axes
- Absolute positioning
- Easy operation even in the die area using the mobile operator device with touch screen
- Self-explanatory operator guidance with plain text and diagrams available in many languages
- Offline program creation on a normal PC possible
- Data backup via network and USB
- Extensive network possibilities via field bus and Ethernet
- Optional connection of external process measuring and control technology
- Optional remote maintenance possibilities

PSMT 3 F	PSMT 4 F
4000–20000	16000–55000
AC-Servo	AC-Servo
1300/1600/2000/2200	2000/2800
1000/1200/1600/2000	2000/2500
3	4
6	8
6	8
2	2
PC 2/PC 84	PC 2/PC 84
0,1–2,0	0,1–2,0
120	240

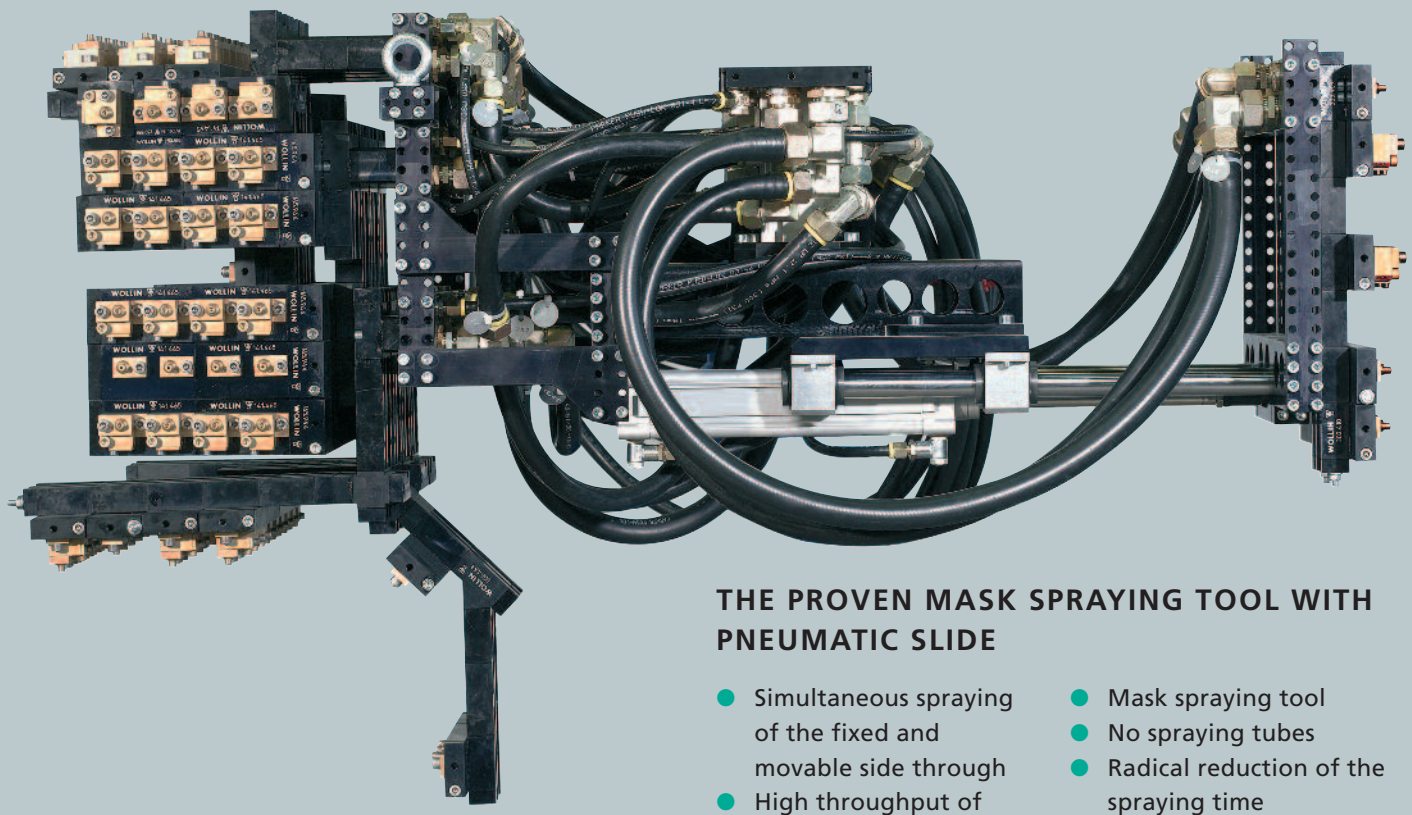
PC 84 PROCESS CONTROL

The SIEMENS CNC control

- SINUMERIK 840D
- Specific customer configurations possible
- Real continuous path control
- Absolute positioning
- Programming either according to DIN or dialog supported
- Data backup possible via network and USB

We offer sound advice and professional service – worldwide.

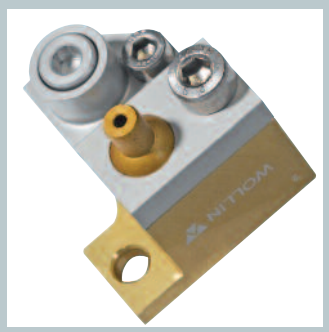
MODULAR DIE SPRAYING TOOLS *PowerSpray* PS 16XL-TS

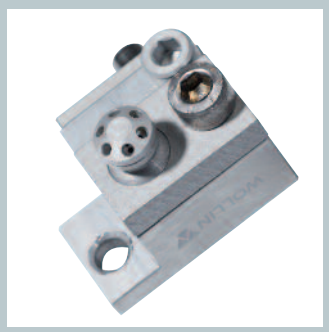


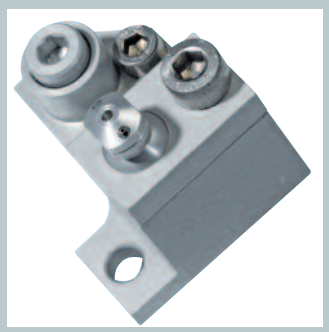
THE PROVEN MASK SPRAYING TOOL WITH PNEUMATIC SLIDE

- Simultaneous spraying of the fixed and movable side through
- High throughput of separating agent and blasting air
- Mask spraying tool
- No spraying tubes
- Radical reduction of the spraying time
- Process-sure
- High availability
- Increase of productivity

DIVERSE NOZZLE SHAPES FOR UNIVERSAL SPRAYING USE







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