

SERVO PRESSES

THE MSP SERIES. EFFICIENCY IN A NEW DIMENSION.

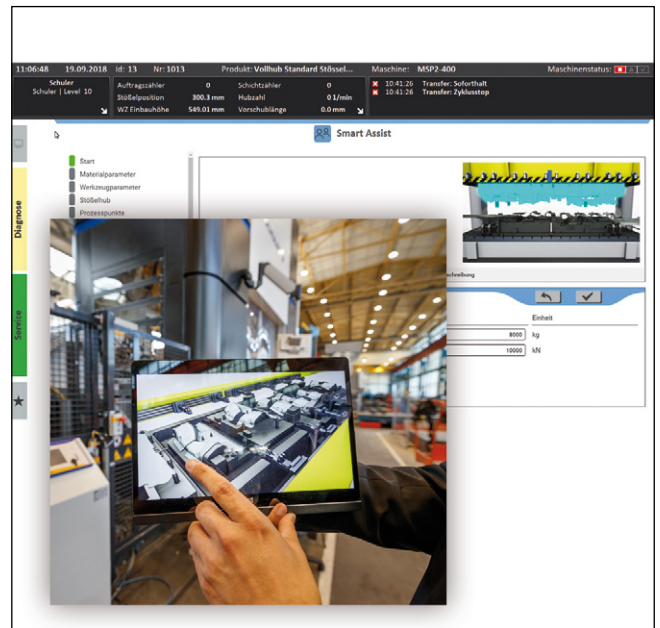


Servo press MSP 400 – efficient, flexible and easy to operate.

THE NEW GENERATION OF THE MSP SERIES OFFERS EFFICIENT, FLEXIBLE AND PROCESS RELIABLE PARTS PRODUCTION AT AN ATTRACTIVE PRICE.

The innovative drive features two electrically coupled, freely programmable drive units with a torque motor and knuckle joint. The backlash-free system is simple to maintain with a high degree of process reliability.

The IT tools available such as Optimizer, OptimizerPRO and Smart Assist enable simple and intuitive operation and setup at any time.



Simple setup thanks to the Smart Assist software tool.

The five pre-programmed slide movement curves are designed for different processes: Whether blanking, forming, cutting, embossing, bending or drawing – the presses can be adapted quickly and flexibly to any requirement.

Experience Schuler's proven quality yourself in a new, attractively priced press concept. We would be delighted to advise you!

TECHNICAL DATA

Model	CSP 100	MSP 200	MSP 400	MSP 630	MSP 800	MSP 1000	MSP 1250
Press force [kN]	1,000	2,000	4,000	6,300	8,000	10,000	12,500
Bed length [mm]	Bed width [mm]						
660	950						
1,800		1,100					
2,500			1,200				
3,000			1,400	1,400			
3,500					1,600		
4,000				1,800	1,800	1,800	
4,600						1,800	
5,100							1,800
6,100							1,800
Shut height* [mm]	370	500	600/700	1,000	1,000	1,100	1,200
Slide stroke [mm]	20-160	20-160	60-300	80-400	80-400	450	450
Slide adjustment [mm]	80	150	200	300	300	300	300
Stroke rate**	3-130	3-130	3-90	3-70	3-70	3-52	3-50

*Slide adjustment at the top, with clamping plate, **stroke rate dependent on output of model as well as programmed stroke height and kinematics.

THE ADVANTAGES



INNOVATIVE DRIVE CONCEPT

- Higher dynamics and output
- Drive trains are electronically coupled as opposed to mechanically
- Pressure points are outside the actual bed area, increasing eccentric load absorption
- Geometric arrangement results in increased slide tilting rigidity (pressure points further apart)



OPTIMIZED OPERATION AND FLEXIBILITY

- Five pre-programmed slide movement curves for forming, bending, embossing, cutting, and drawing
- Optimized easy set up thanks to the innovative, optional IT tool "Smart Assist"
- Free programming of the slide movement curve with optional IT tool "OptimizerPRO"
- Free programmable stroke heights with pendular mode



AVAILABILITY AND PROCESS RELIABILITY

- Industry 4.0 capable thanks to various monitoring systems such as machine, process and condition monitoring
- Integrated maintenance schedule
- Electronic overload protection



EASE OF USE

- Individually adjustable working position
- Simple and intuitive operation via touch screen and keys
- Intuitive visualization concept



COST EFFECTIVE PRODUCTION

- Attractive price
- Clearly faster ROI compared to a conventional press
- Long die life
- Precise parts

CONTACT

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