

Beading and Flanging Machine

SME 160 · SME 200



The machine with high power for highest requirements!

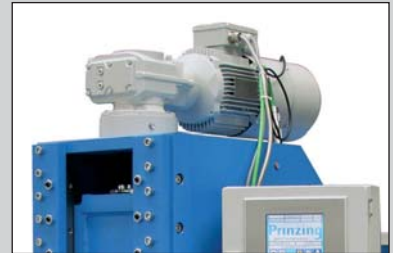
Beading and Flanging Machine

Design features

- Machine in welded steel construction
- Parallel infeed of upper roll with ball bearing guided shafts
- Shafts hardened and grounded
- Infinitely controlled main drive with foot switch and speed limiter
- Easy axial adjustment of the lower shaft by hand wheel
- Motorized infeed of upper roll with PLC and touchscreen with program memory for 200 programs
- Control integrated in separate mounted control box



Axial adjustment of lower roll



Motorized infeed of upper roll

Standard equipment

- Hardened stop and connecting plate
- Stable sub frame
- Electrical safety control
- Connecting power 400V / 50Hz / 3Ph
- Key for mounting of the rolls



Stop plate

Additional equipment

- Manual operated central lubrication system
- Divided stop
- Support of the guiding pipe of the lower shaft for heavy load while working at the end of the tube
- Hardened forming rolls
- Adjustable tube guidance with tube support
- Adjustable tube guidance with centering disc



Touchscreen operation



Central lubrication



Divided stop



Support of the guiding pipe



Beading rolls



SME 160/5 P

- For production of flanges at tubes
- Subframe in inclined execution
- Motorized adjustment of the tube guidance
- Fully automated control system
- Manual operated central lubrication system

SME 200/7 P

- For production of water tanks
- Hydraulically operated infeed of upper roll
- Motorized adjustment of the tube guidance
- Fully automated control system
- Manual operated central lubrication system



SME 200 V

- Beading machine in vertical execution
- Motorized infeed of upper roll
- motorized height adjustment of the Stop respectively supporting plate
- Fully automated control system



SME 200/4 P

- For production of multiple beads
- Hydraulically operated infeed of upper roll
- Adjustable ring holding device
- Rolls for multiple beads
- Manual operated central lubrication system

Model		SME 160/5 P	SME 160/7 P	SME 200/5 P	SME 200/7 P
Dist. of the center of the rolls	mm	160	160	200	200
Working depth	mm	500	750	500	750
Ø of the roller seat	mm	63	63	100	100
Sheet thickness	mm	5,00	4,00	8,00	7,00
Working speed	m/min	0 - 20	0 - 20	0 - 20	0 - 20
Motor power	kW	5,5	5,5	7,5	7,5
Weight	kg	1900	2100	2600	2800
Size L x W x H	m	1,8 x 1,1 x 1,8	2,1 x 1,1 x 1,8	2,2 x 1,3 x 1,9	2,5 x 1,3 x 1,9

* The sheet thickness is based on material with a tensile strength of 400 N/mm² and a yield point of 250 N/mm²

Shown machines are including options. - Technical modifications are reserved!