



MSM 224
Wire Drawing Machine for the Intermediate Wire Range



MSM 224

Design:

- optimized wire cooling/lubrication fully submerged drawing basin
- flexible adjustment of drafting
- individually driven drawing capstan in two-row horizontal tandem layout
- ergonomic and user-friendly machine design, with easy maintenance
- no noise protection cabin required up to 85 dB(A)

Increase in quality:

- high surface quality of the wires due to the optimized wire path
- drawing dies with pressure cooling and lubrication for high wire surface quality and long service lives

Increase in productivity:

- reduced downtime when changing the machine setup for different dimensions via multi-motor drive technology (quick drawing die change system)
- NMI (NIEHOFF Machine Interface) color touchscreen for data entry, display of production parameters and maintenance instructions

Energy and cost efficiency:

- reduced tool consumption (drawing capstans, drawing dies) with minimized slip operation
- energy savings of up to 20 % by slip reduction and switching off unused drives

Technical data

type		MSM 224		
material		CuZn37	CuSn6	CuNi12Zn24
material number		CW508L	CW452K	CW403J
max. production speed	m/s	20.00	16.00	12.00
max. inlet dia.	mm	3.20	3.20	2.80
no. of wires		1	1	1
at max. inlet strength	N/mm ²	450	480	480
final dia.	mm	0.20 ... 1.80	0.20 ... 1.80	0.20 ... 1.80
drive technology/AC motors		individual drives	individual drives	individual drives
machine dimensions (W x D x H)	m	3.35 x 1.15 x 2.65		
weight	kg	approx. 5,100		