



**ATTENTION – SPECIAL OFFERS NOW AVAILABLE !!!
SO PRICES ARE CURRENTLY REDUCED BY 20% !!!**

Offer

Universal Cylindrical Grinding Machine MSO FM 130/350 with Digital Setup in X = 0,001 mm



manufacturer: MSO
type: FM 130/350
mach.-Nr.: M 25728
year of construction: ??? / 2018 tüp.
comm.-Nr.: 3990855/009
stock-nr.: 1889

Special Price: 8.250,- € | now 6.560,- €

The machine can be used for:

- external grinding
- surface grinding
- taper grinding
- edge grinding
- phase grinding
- plunge grinding

Technical Data

(According to manufacturer)

centre height: 130 mm

swing-Ø: 260 mm

grinding length: 350 mm

grinding wheel

diameter: 300 mm

bore-Ø: 127 mm

largest width of grinding wheel for plunge grinding: 40 mm

largest total width of a grinding wheel set: 80 mm

largest sum of single widths: 40 mm

grinding wheel speed: 1.650 / 2.150 rpm = 30 m/s

grinding head

largest grinding head hub: 209 mm

largest fine hub by hand wheel: 90 mm

largest rough hub by hand wheel: 165 mm

additional hub: 142 mm

autom. interval feed: 0,005 – 0,020 mm

feed by one revolution of hand wheel: 1,0 / 2,0 mm

feed by one hand wheel graduation mark: 0,005 mm

headstock spindle

6 work-piece speeds, adjustable: 40 – 305 rpm

rotatability of headstock spindle against the grinding wheel: 90°

spindle cone or inner taper of headstock spindle: MK 4

tailstock

inner cone of quill: MK 3

quill travel: 30 mm

table

largest table incline: 10°

largest cone angle: 20°

table speed: 0,2 – 1,0 m/min

rough travel by hand wheel: 1 revolution 25 mm, 1 graduation mark 0,25 mm

fine travel by hand wheel: 1 revolution 2,5 mm, 1 graduation mark 0,025 mm

total connected load: ca. 4 kW

weight: ca. 1.800 kg

standing area: W 1,60 x D 1,30 x H 1,40 m

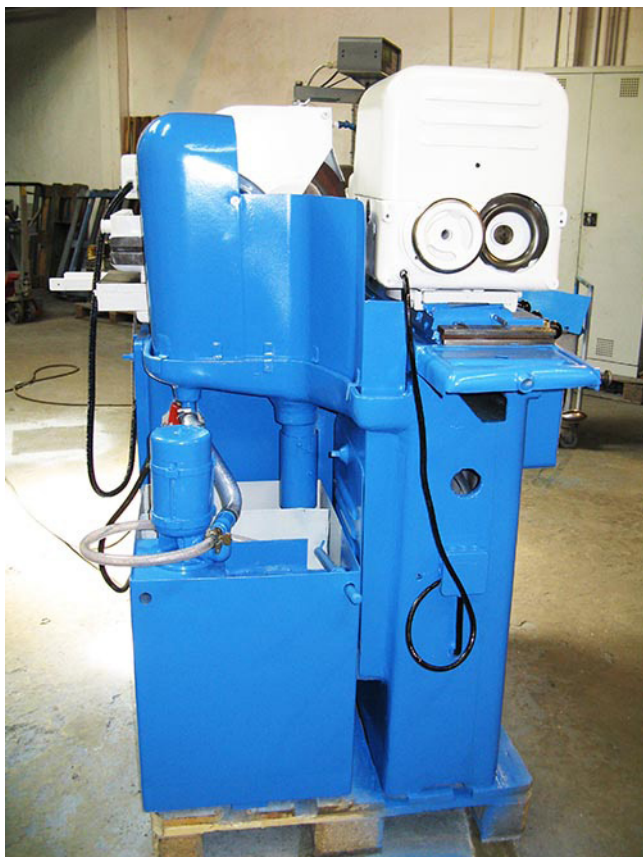
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Features

- digital display in X, Sino SDS3, almost new
 - manual or automatic operation
 - self-feeding up to 0-limit
 - grinding wheel fine adjustment 0,001 / 0,002
 - automatic feed works as piercing feed, without feed, table-dependant feed
 - only RIGHT / LEFT and RIGHT / only LEFT
 - upper table for tamper grinding adjustable
 - bedway is lubricated by re-oil
 - tailstock can be activated by mechanical lever
 - headstock spindle pivotable up to 90°
 - grinding head pivotable up to 360°, in 2 layers
 - grinding head two speeds
 - free-standing liquid cooling system, mobile
 - splash guards
 - 2 pieces grinding wheel flanges
 - adjustable dressing device for grinding wheel, at tailstock with diamond
 - open lunette, adjustable
 - three-jaw chuck 125 mm Ø, with inner and outer clamps, with flange and spindle holder (unused)
 - face plate 160 mm Ø (unused)
 - collet chuck ER40 with set of collets 32 pieces, Ø 4 – 30 mm (unused)
 - spindle holder sleeve MK4 / MK3
 - clamping tube for spindle tools
 - splash guards
 - centre punch pricks, in various designs
 - wet grinding device with magnetic filter
 - operating manual with electrical circuits
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- If the year of construction has a "tüp."-date, that means the machine has been electrically and technically inspected by us on that date.
 - If the year of construction has a "tüb."-date, that means the machine has been partially overhauled on that date according to the prior owner.
 - If the year of construction is marked "***", it is the information the prior owner relayed to us or our own estimation.







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