



**Attention!!! Lack of space during warehouse renovation
Our prices are currently drastically
reduced by 55% !!!**

Offer

Universal Cylindrical Grinding Machine MSO-Cincinnati with internal grinding attachment



manufacturer: MSO-Cincinnati
type: R 57
mach.-nr.: M 25956
year of construction: ???
comm.-Nr.: 3990000/009
stock-nr.: 1899

Special Price: 9.950,-€ | now 4.477,50 €

The machine can be used for:

- external grinding
- internal grinding
- surface grinding
- taper grinding
- chamfering
- angled flat grinding

Technical Data

(According to manufacturer)

centre height: 90 mm

swing-Ø: 180 mm

grinding length: 400 mm

grinding wheel

diameter: 350 mm

bore-Ø: 76 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 hub by hand wheel: 67 mm

additional hub: 142 mm

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

feed by one revolution of hand wheel: 0,5 mm

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

setting by tip-switch regarding diameter: 0,005 mm

internal grinding attachment

largest distance from front edge spindle headstock to grinding spindle carrier: 620 mm

bore for carrying the spindle: 60 mm

largest grindable bore: 125 mm / maybe larger

headstock spindle

6 work-piece speeds, adjustable: 80 – 800 rpm

rotatability of headstock spindle against the grinding wheel: 90° / opposite side °45

spindle cone or inner taper of headstock spindle: MK 3

tailstock

inner cone of quill: MK 3

quill travel: 20 mm

table

largest table incline: 14°

largest cone angle: 28°

table speed: 0,0 – 7,0 m/min

rough travel by hand wheel: 1 revolution 20 mm, 1 graduation mark 0,40 mm

fine travel by hand wheel: 1 revolution 2,5 mm, 1 graduation mark 0,05 mm

total connected load: ca. 5 kW

weight: ca. 1.800 kg

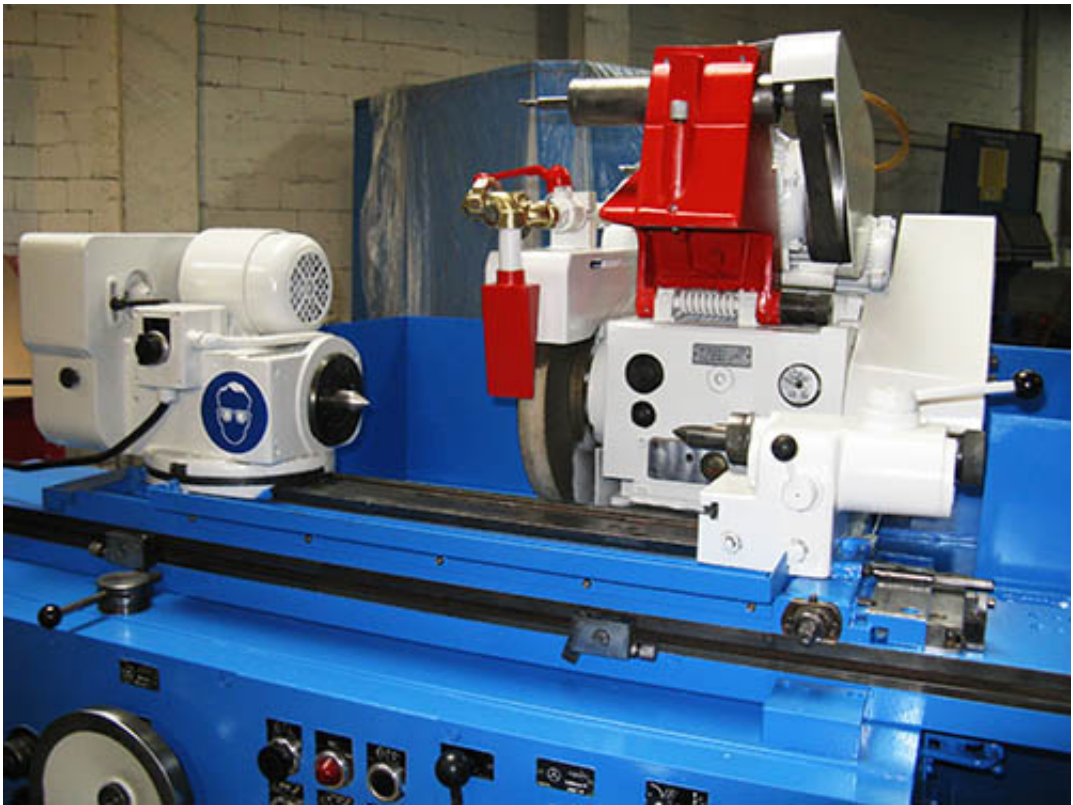
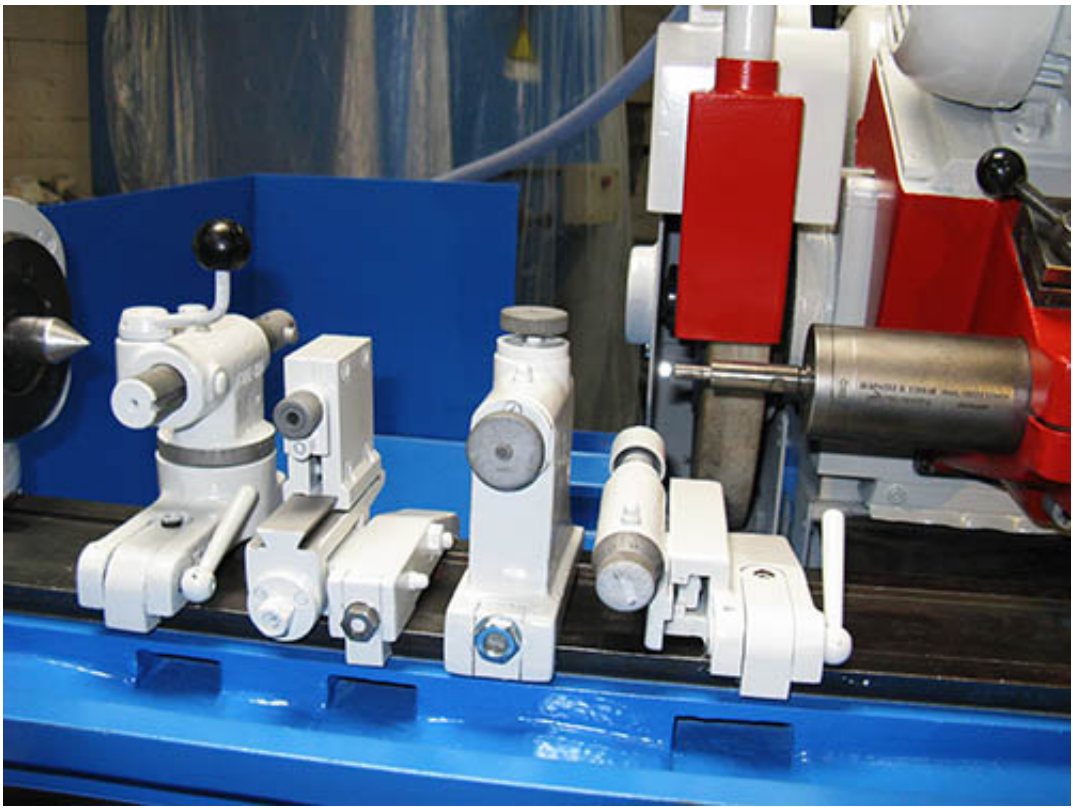
standing area: W 1,70 x D 1,50 x H 1,60 m

color: blue / grey-white / red

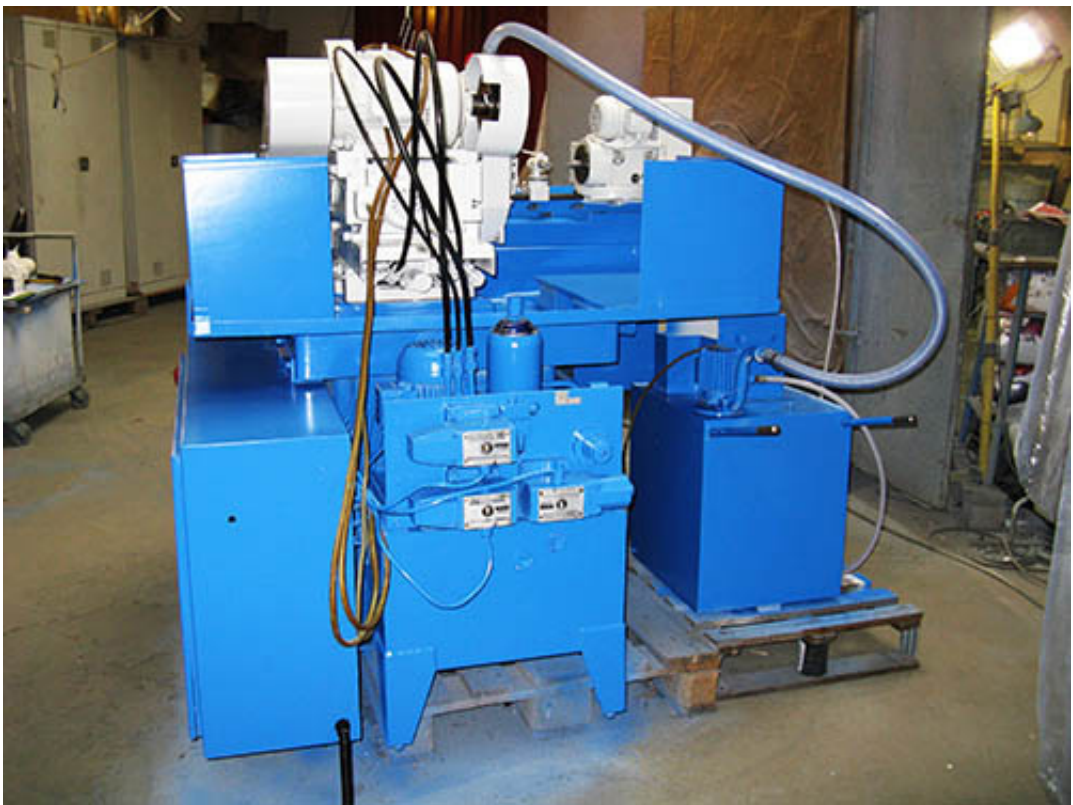
Features

- rotatable internal grinding attachment
 - manual or automatic operation
 - self-feeding up to 0-limit
 - grinding wheel fine adjustment
 - automatic feed works as piercing feed, without feed, table-dependant feed
 - only RIGHT / LEFT and RIGHT / only LEFT
 - upper table for tamper grinding with fine feed and measuring clock
 - bedway is lubricated by re-oil
 - tailstock can be activated by mechanical lever
 - attachment with measuring clock for table pivoting up to 14°
 - headstock spindle pivotable up to 90/45°
 - grinding head pivotable up to 360°
 - grinding head two speeds
 - free-standing liquid cooling system, mobile
 - splash guards
 - grinding wheel flanges with wheels
 - internal grinding spindle with cone attachment and extraction threading
 - internal cooling through work spindle on work piece during internal grinding
 - adjustable straight and radial matching device with quick-fastening lever
 - adjustable dressing device for grinding wheel, at tailstock
 - adjustable side and diagonal dressing device with scale, for grinding wheel, with quick-release lever
 - open lunette, adjustable
 - Three-Chuck-fastening buffer forkhardt Ø 125 mm, with spindle receiver flange (unused)
 - fastening clamp device with spindle receiver, fastening clamp set 32 pieces
 - grinding thorns for internal grinding in various sizes
 - number of retrieving-hearts in various sizes
 - number of internal grinding spindles in various sizes
 - number of spreading thorns in various sizes
- If the year of construction is marked “*”, it is the information the prior owner relayed to us or our own estimation.











All prices will have an additional 19 % tax added (German "Mehrwertsteuer/Mwst.") on your invoice. Buyers from foreign countries will pay the net price without an additional tax, if they provide us with their Ident.-Nr.

All prices are ex-works, without packaging or delivery. The machine will be loaded on a truck free of charge, provided you pick it up at our warehouse.

The buyer bears the cost of packaging and delivery. Packaging is done only after the buyer has signed a sales contract.

Attention – Important!!!

If you want us to facilitate the shipping with an external contractor, this will be done on behalf of and paid for by the buyer. We are not responsible for transport or unloading damage. By buying from us, you automatically agree to these terms and conditions.

All information and technical data on this website is non-binding, errors excepted. All sales are subject to our Terms and Conditions.

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