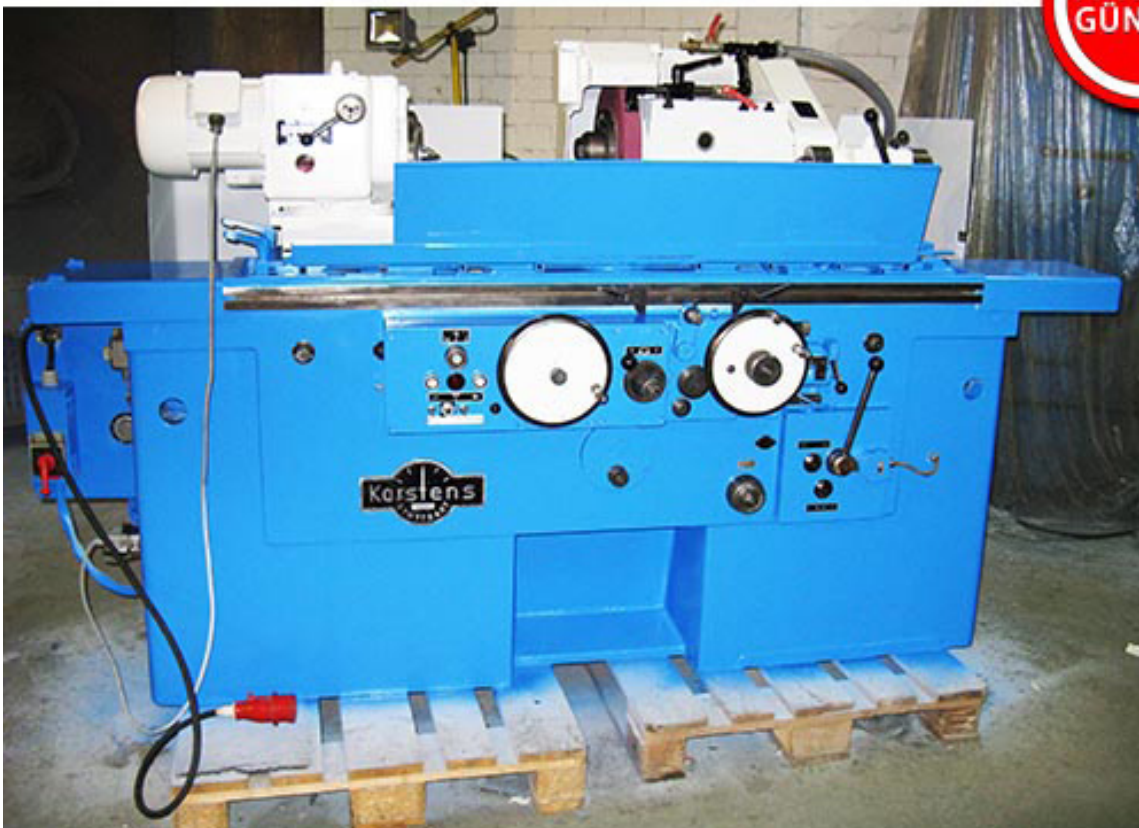




**ATTENTION – SPECIAL OFFER UNTIL 30.06.2018**  
**WE NEED ROOM FOR WAREHOUSE INSULATION**  
**SO OUR PRICES ARE CURRENTLY 25% OFF !!!**

## Offer

### Hydr. Cylindrical Grinding Machine Karstens ASR 16 A



manufacturer: Karstens  
type: ASR 16 A  
mach.-nr.: 7046  
year of construction: 1985\* / 2017 tüp.  
comm.-nr.: 3990600/009  
stock-nr.: 1885

**Special Price: 9.200,- € | now 6.900,- € net**

## The machine can be used for:

- outer grinding
- surface grinding
- cone grinding
- edge grinding
- chamfering
- plunge grinding

## Technical Data

**height of tip:** 150 mm

**swing – Ø:** 300 mm

**width of tip:** 800 mm

**grinding wheel:**

**diameter:** 400 mm

**max. width of full grinding wheel during punch-grinding:** 40 mm

**max. size total width of grinding wheel set:** 80 / 100 mm

**max. sum of single widths:** 50 mm

**3 grinding wheel speeds:** 2.250 – 2.825 rpm

**grinding head:**

**adjustment of grinding head left – right:** 90° each

**max. grinding head hub:** 180 mm

**max hub using hand wheel:** 40 mm

**autom. interval feed:** 0,005 – 0,05 mm

**feed via one revolution of the hand wheel:** 2,0 mm

**feed via one hand wheel unit:** 0,01 mm

**rapid traverse of grinding head:** 40 mm

**manual adjustment:** 80 mm on diameter

**max. diameter adjustment:** 0,05 – 3,0 mm

**diameter adjustment via tipping switch:** 0,005 mm

**diameter adjustment via micro-stop:** 0,001 mm

**spark-out time:** setting 1 = 0 – 0,8 min., setting 2 = 0,8 – 8.0 min.

**headstock spindle:**

**8 workpiece speeds, adjustable:** 50 – 450 rpm

**spindle cone or inner cone of headstock spindle:** MK 4

**rotatability of headstock spindle against the grinding wheel:** 90°

**tailstock:**

**inner cone of quill:** MK 2

**quill way:** 30 mm

## table:

**max. table tilt:** 11° each

**max. cone angle:** 22°

**table speed, adjustable:** 0 – 6,0 m / min.

**min. table travel using hydraulic movement approx.:** 1 mm

**2 speeds for table by manual setting:** 5 + 15 mm/Rev.

**drive power:** approx. 7,5 kW

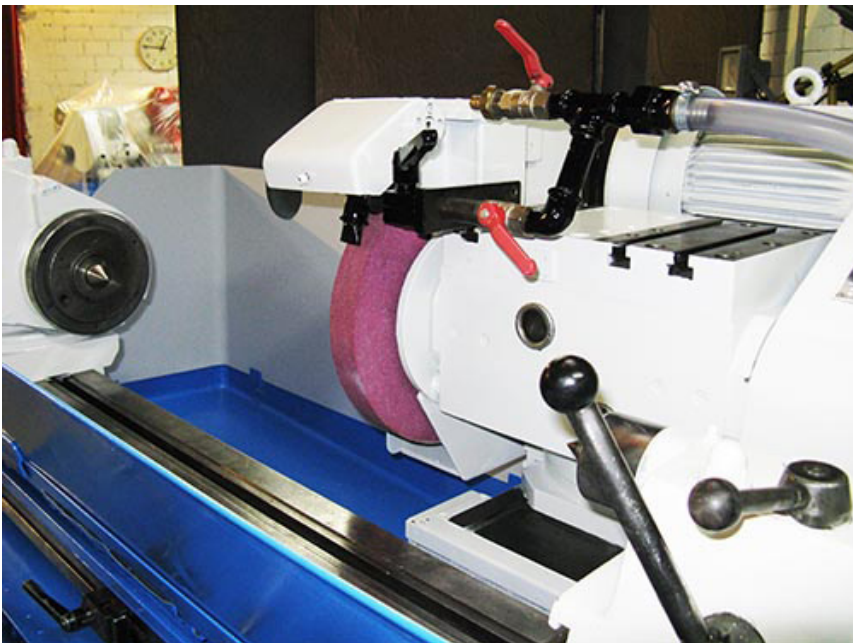
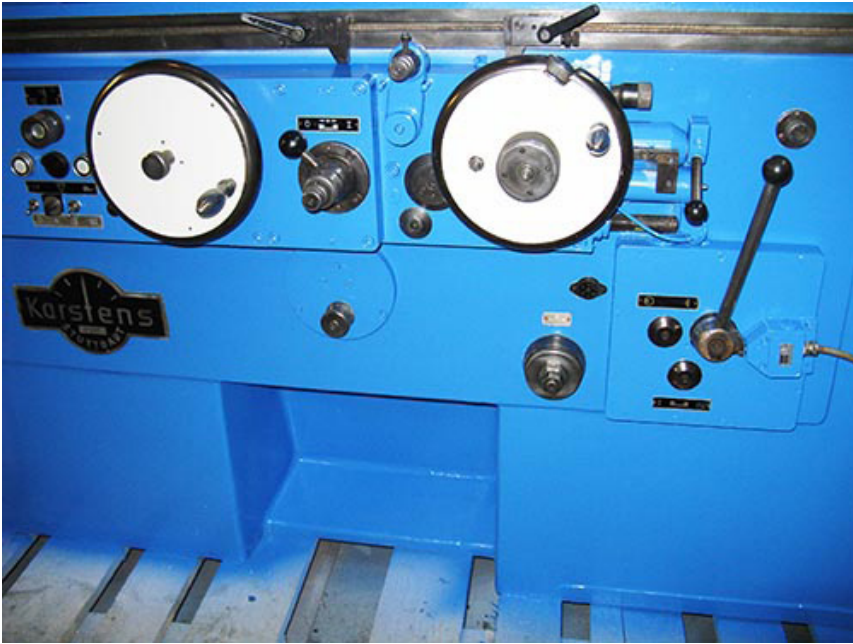
**weight:** approx. 3.000 kg

**standing area:** W 2,25 x D 1,10 x H 1,40 m

**color:** blue / grey-white

## Features

- manual or automatic operation
  - upper table for cone grinding with fine adjustment and dial gauge
  - automatic adjustment works as punch grinding adjustment, without adjustment, table-dependent adjustment: # right # left and right # left only
  - rapid traverse infinitely adjustable
  - creep traverse infinitely adjustable
  - ejecting infinitely adjustable, can be disabled
  - 3 – B. – grinding padding Ø 160 mm, with inner and outer clamps (unused)
  - fixed prick punches
  - grinding stone puller, adjustable, with diamond
  - second grinding wheel flange
  - central lubrication, self-lubricating
  - splash guards
  - wet-grinding equipment with magnetic filter
  - operating manual for A series
- 
- 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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