

SCHALLBERGER FACETTE STAR 300
Chamfering Machine

**With sliding table
and infinitely variable cutting speed**

Features

- To deburr and chamfer safely, efficiently and precisely without creating new burrs on the machined edges, on single piece or batch produced parts in manufacturing or assembly plants.
- Using it next to the production machine reduces extra time and thereby overall cost.
- The sliding table system eliminates scratches on the work piece surface because it remains firm on the table while travelling across the cutter or grinder
- The table is supported by linear ball bearings allowing easy, uniform movement of work pieces up to 15kg (33 lbs) across the tooling, eliminating chatter and the need for repetitive operations.
- Precision linear ball bearing guide adjacent to the cutting tool keeps the chamfer height very accurate.
- Tool changing is simplified with easy access to the cutter head by lifting the sliding table and loosening just one screw.
- The cutter (grinder) speed is infinitely variable to provide optimum cutting speed for various materials and to obtain excellent surface quality of chamfers.



Micrometer screw to set chamfer height from .004" to 120" (0.1 to 0.3 mm) micrometer reading .002" (0.05mm)



View of cutter and the linear ball bearings supporting the sliding table



Gauge to square small items (standard access) for replacements: p/n 924.500.031

Application

The machine is well suited for single piece or batch production in the tool room and machine shops for precision fabricating of steel, stainless steel, aluminium, other non ferrous and plastic materials, hard wood, and also hardened steel with grinding wheel.

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Standard accessories

Bench type machine

- 1 p/n 929.1918.04
Carbide cutter
- 1 p/n 924.900.120
Set up gauge
- 1 p/n 924.500.031
Squaring gauge
- 1 Moulded cable assembly
- 1 Set of wrenches

Machine on trolley

- 1 p/n 929.1918.04
Carbide cutter
- 1 p/n 924.500.150
Grinding wheel
- 1 p/n 924.500.120
Set up gauge
- 1 p/n 924.500.031
Squaring gauge
- Trolley with drawer
and suction device
- 1 Moulded cable assembly
- 1 Set of wrenches



Easy adjustment of cutter
to working height
with built-in swing gauge



Cutter

3 teeth
solid carbide

for aluminium
non-ferrous and
plastic materials

p/n 929.1018.03



Cutter

4 teeth
solid carbide
TIN coated

for universal use

p/n 929.1918.04



CBN Grinding Wheel

CBN electroplated
to chamfer heat treated steels
above hardness RC52

p/n 924.500.150

Modifications leading to technical improvements reserved

Technical Data

- Power supply
- Motor power rating: input
output
- Cutter speed, continuously variable
- Chamfer height, infinitely adjustable
- Workpiece: thickness min.
weight max.
- Stroke of sliding table
- Table surface area, length
width
- Machine weight, approx.

EUROPE

230 V, 50 Hz
500 Watt
320 Watt
13'00 to 28'000 RPM
.01" to 3 mm
1 mm
15 kg
300 mm
500 mm
100 x 42 mm
34 kg

USA

110 V, 60 Hz
500 Watt
320 Watt
13'00 to 28'000 RPM
0.004" to 0.120"
.040"
33 lbs
12"
20"
4" x 1.65"
75 lbs

p/n for bench type machine

924.400.300

924.400.350

p/n for machine on trolley

924.400.305

924.400.355

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