

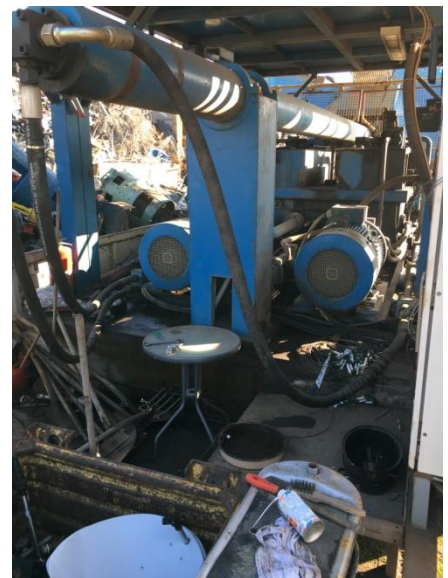


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Mitglied  **BDSV**

IUT Beyeler AG

Ing. Unternehmen für Umwelt und Technik

HYDRAULIC SCRAP SHEAR TAURUS 600 tons





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Technical / Commercial Information

Hydraulic Scrap Shear Type TAURUS 600 t, Type K 673.B3E

- ⇒ Used machine, Year of construction 2004
- ⇒ Machine available from July 2016
- ⇒ Interesting price!

1 Shear

Ref. C602P

- ⇒ Shear cylinder: Ref. K3225
- ⇒ Shearing force: 600 tons (5'900 kN)
- ⇒ Cut width: 950 mm
- ⇒ Cut height: 650 mm
- ⇒ Clamp: Ref. H18E
- ⇒ Clamp cylinder: 1 piece, Ref. CL1812.03F
- ⇒ Clamp force: 90 tons
- ⇒ Number of shear strokes (only shear, incl. differential gear): 4 - 5 min⁻¹
- ⇒ Automatic lubrication

2 Feeding box

Ref. K2471.33

- ⇒ Flaps with integrated highly wear-resistant steel.
- ⇒ Dimensions L x W (open box): 7.1 x 2.4 m
- ⇒ Dimensions W x H (closed box): 0.88 x 0.6 m
- ⇒ Hydraulic cylinders for each flap: 3 pieces, Ref. LE1812.F1
- ⇒ Maximum side compression force (for each flap): 300 tons (3'000 kN)

3 Feeding

Ref. K25.06

- ⇒ Feeding-baling cylinder: Ref. K2518F.06
- ⇒ Maximum baling force: 160 Tonnen (1'600 kN)

4 Hydraulic unit

Ref. B3E.0844

- ⇒ Variable displacement piston pumps: Ref. 2 x HPR160D
- ⇒ Pumps for fast gear: Ref. 2 x 4D160
- ⇒ Pumps for oil cooling and filtration: Ref. 1 x 4D250
- ⇒ Servo control pumps: Ref. 2D30
- ⇒ Oil tank capacity: 3'000 Liter
- ⇒ Standard directional valves: Ref. 1044
- ⇒ Logic units for over pressure-safety valves: DN 32
- ⇒ Logic units for oil recirculation: DN 32
- ⇒ Oil filtration in recirculation: 25 µm



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- ⇒ External auxiliary filtration: 10 µm
- ⇒ Separate pilot circuit filtration: 10 µm
- ⇒ Oil/air cooling: Ref. 1 x HPA52
- ⇒ Maximum pressure: 360 bar

5 Electric command unit **Ref. B4E.44**

- ⇒ Programmable control: SPS
- ⇒ Control panel in cabin including:
 - Emergency stop push button
 - Manual or automatic machine mode selector
 - Operating elements for manual or automatic operation

6 Electric unit **Ref. IEP 250.2**

- ⇒ Main electric motor: 2 x 90 kW
- ⇒ Piloting motor 1 x 2.2 kW
- ⇒ Cooling motor 1 x 5.5 kW
- ⇒ Fan motor 2 x 0.75 kW
- ⇒ Oil heating (option) 8 kW
- ⇒ Control cabinet with contactor control for star-delta starting

7 Operator's cabin **Ref. 2020.P3**

- ⇒ Outside dimensions of cabin: 2.0 x 2.0 m
- ⇒ Stair, platform as cover over hydraulic unit
incl. railing and foot protection P3

8 Loading hopper (option, not incl.) **Ref. K70**

- ⇒ Lifting cylinder: Ref. C1210.F1
- ⇒ Dimensions L x W: 7.0 x 2.3 m
- ⇒ Independent support frame incl.
- ⇒ Control via PLC and electrical control incl.

7 Performance

- ⇒ Mixed scrap: 11 - 17 t/h

8 Dimensions / Data

- ⇒ Length over all: 17.5 m
- ⇒ Width incl. / excl. pre filling box: 5.5 m / 3.3 m
- ⇒ Total weight incl. pre filling box: 91 t