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# IUT Beyeler

Ing. Unternehmen für Umwelt und Technik

Mitglied **BDSV**

## HYDRAULIC SCRAP SHEAR TAURUS 600 tons

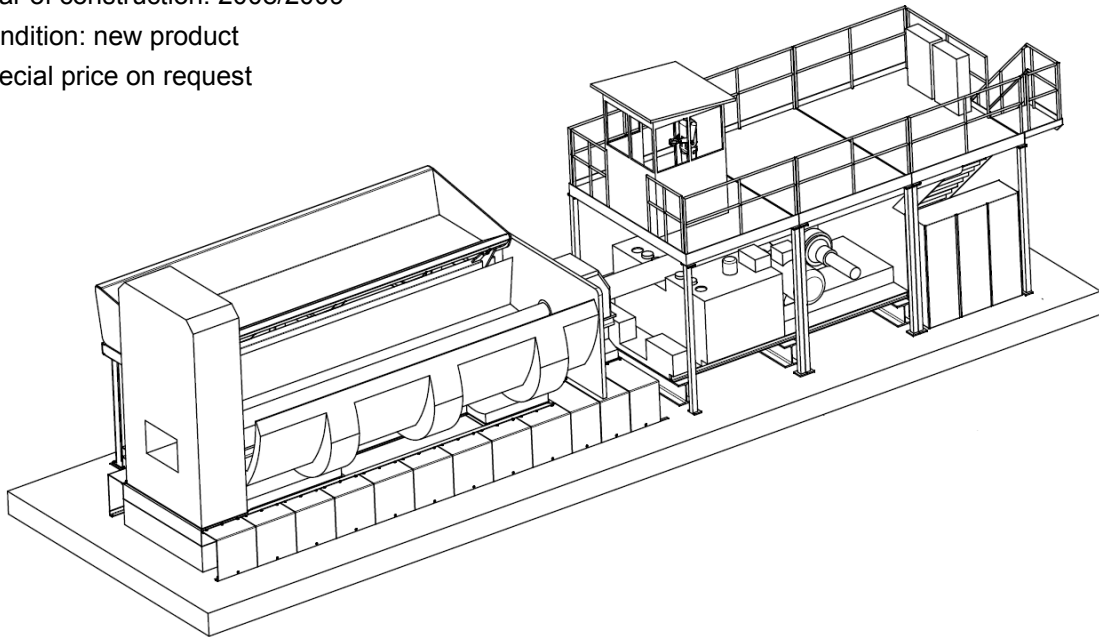


Photos: Same machine type in assembled state

## Technical / Commercial Information

### Hydraulic Scrap Shear Type TAURUS 600 t, C672P-EB1L

- ⇒ Year of construction: 2008/2009
- ⇒ Condition: new product
- ⇒ Special price on request



#### **1 Shear**

#### **Ref. S602P**

- ⇒ Shear cylinder: Ref. 2.C3225
- ⇒ Shearing force: 600 tons (5'800 kN)
- ⇒ Cut width: 0.95 m
- ⇒ Cut height: 0.65 m
- ⇒ Clamp: Ref. H18E
- ⇒ Clamp cylinder: 1 piece, Ref. CL1812.03F
- ⇒ Clamp force: 90 tons
- ⇒ Number of shear strokes: 4 - 6 min<sup>-1</sup>
- ⇒ Automatic lubrication

#### **2 Pre-compression and feeding box**

#### **Ref. C2472.22**

- ⇒ Flaps with integrated highly wear-resistant steel.
- ⇒ Dimensions L x W (open box): 7.2 x 2.4 m
- ⇒ Dimensions W x H (closed box): 0.88 x 0.6 m
- ⇒ Hydraulic cylinders for each flap: 2 pieces, Ref. LE1812.F1
- ⇒ Maximum side compression force (for each flap): 230 tons (2'260 kN)

#### **3 Feeding**

#### **Ref. K25F.D5**

- ⇒ Feeding-baling cylinder: Ref. K2818F.D5
- ⇒ Maximum baling force: 160 tons (1'600 kN)



<b>4</b>	<b>Hydraulic unit</b>	<b>Ref. EB1L.0844</b>
⇒	Variable displacement piston pumps:	Ref. 2 x HPR160D
⇒	Pumps for fast gear:	Ref. -
⇒	Oil cooling and oil filtering pump:	Ref. 1 x 4D300
⇒	Servo control pumps:	Ref. 2D16
⇒	Oil tank capacity:	3'500 litres
⇒	"CETOP" Standard directional valves:	Ref. 0844
⇒	"CETOP" Standard relief valves:	DN 32
⇒	Over flow valves:	DN 32
⇒	Full return-line filtration:	25 µm
⇒	External auxiliary filtration:	10 µm
⇒	Separate pilot circuit filtration:	10 µm
⇒	Oil/air cooling:	Ref. 1 x HPA52
⇒	Maximum pressure:	360 bar
<b>5</b>	<b>Electric command unit</b>	<b>Ref. EB1L.0844</b>
⇒	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	
<b>6</b>	<b>Electric unit</b>	<b>Ref. IEP 200.2</b>
⇒	Main electric motors:	2 x 75 kW
⇒	Piloting motor	1 x 2.2 kW
⇒	Cooling motor	1 x 5.5 kW
⇒	Fan motor	1 x 1.1 kW
⇒	Oil heating (option)	-
⇒	Control cabinet with contactor control for automatic star-/delta connection	
<b>7</b>	<b>Operator's cabin</b>	<b>Ref. 1515.03</b>
⇒	Outside dimensions of cabin:	1.5 x 1.5 m
⇒	Stair, platform as cover over hydraulic unit incl. railing and foot protection	
<b>8</b>	<b>Loading hopper (option)</b>	<b>Ref. K70</b>
⇒	Lifting cylinder:	Ref. C1210.F1
⇒	Independent support frame	
⇒	Control via PLC and electrical control	
<b>9</b>	<b>Dimensions data</b>	<b>Ref. C672P-EB1L</b>
⇒	Length over all:	17.5 m
⇒	Width incl./excl. loading hopper:	5.5 m / 3.3 m
⇒	Total weight excl. hopper:	85 t
⇒	Output with mixed scrap:	10 - 15 t/h