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Bus Bar Tool Centre

Basic Unit

05224



The compact solution: Bending, Punching and Cutting with a single tool. The Tool Centre consists of the basic unit along with individual processing tools which are simple to interchange. Despite an operating force of 185 kN the Tool Centre is extremely small and compact. The complete system including accessories and hydraulic pump can easily be transported in any vehicle.

Technical Data:

Operating Force:
Max. Pressure:
Required oil volume:
Pump capacity:
Operating voltage (proximity switch):
Dimension (L x H x W):
Weight:

Basic Unit

185 kN at 700 bar
700 bar
0.15 l
1.5 l/min
10 – 30 VDC
480 x 500 x 360 mm
51 kg

Accessories

05225 / 05226

Bending Tool

consists of Punch and Die

Max. Bending Angle: 100°
 Applicable material: Al/Cu 120 x 12 mm
 Weight: 7.1 kg

Bending radii
 5.0 mm **05225**
 8.0 mm **05226**



05212

Punching Tool I

consists of Die Holder and Punch Holder

Hole Sizes: 6.5 – 21 mm
 Applicable material: Al/Cu-solid bars up to max. 12 mm
 Weight: 4.5 kg

Punches and Dies

Diameter	
6.5 mm	05227
8.5 mm	05228
11.0 mm	05229
13.0 mm	05230
15.0 mm	05231
17.0 mm	05232
21.0 mm	05233

Punches and Dies Oblong

6.5 x 13.0 mm	05234
8.5 x 16.0 mm	05235
11.0 x 20.0 mm	05236
13.0 x 20.0 mm	05237
17.0 x 20.0 mm	05238



76691

Punching Tool III

consists of Die Holder and Punch Holder

Hole Sizes: 6.5 – 21 mm
 Applicable material: Al/Cu-solid and laminated bars up to max. 12 mm
 Weight: 4.5 kg

Punches and Dies

Diameter	
6.5 mm	11528
8.5 mm	11529
11.0 mm	11530
13.0 mm	11531
15.0 mm	11532
17.0 mm	11533
21.0 mm	11534

Punches and Dies Oblong

6.5 x 13.0 mm	11535
8.5 x 16.0 mm	11536
11.0 x 20.0 mm	11537
13.0 x 20.0 mm	11538
17.0 x 20.0 mm	11539



05214

Cutting Tool

consists of Cutting blade and Counter blade

Applicable material: Al/Cu up to max. 120 x 12 mm
 Weight: 5.3 kg

05215

Offset Tool

consists of movable offset jaws, fixed offset jaws, insert plates

Maximum offset: 12 mm (Al/Cu)
 Dimensions (L x W x H): 175 x 90 x 135 mm
 Weight: 10 kg



05216

Aluminium Case (empty)

for storing accessories

Dimensions (L x W x H): 350 x 250 x 200 mm
 Weight: 4.3 kg



= Article-No.



Bus Bar Punching Head LSK120

Basic Unit

05211

The Bus Bar Punching Head 160-60 punches Aluminium, Copper and even Steel fast and precisely. Saves considerable time compared with drilling. The powerful hydraulic drive punches a hole within seconds. The compact design ensures flexibility in tight working areas, no need to dismantle workpieces. The Punching Head 160-60 operates with any Hydraulic Pump with 700 bar capability.

Technical Data:

Operating Force:	160 kN
Operating Pressure:	max. 700 bar
Max. Material Thickness:	10 mm
Hole Size:	6.5 – 17 mm
Max. Material Width for concentric punching:	120 mm
Dimensions (L x H x W):	230 x 195 x 90 mm
Weight:	9.5 kg

Basic Unit



Accessories

Punches and Dies

Diameter	
6.5 mm	05227
8.5 mm	05228
11.0 mm	05229
13.0 mm	05230
15.0 mm	05231
17.0 mm	05232

05239

Steel carrying case (empty)

for storing of Punching Head and accessories

Dimensions (L x W x H): 270 x 210 x 100 mm

Weight: 2.1 kg



Electric Hydraulic Pump CE

05306

Lightweight, portable and versatile pump, however, not recommended for Hydraulic Punch Drivers.

Rated output:	0.37 kW
Motor:	230 V, 50 cycles
Capacity:	max. 700 bar
Max. oil volume:	2.1 l
Useable oil volume:	0.52 l/min
Dimensions (L x W x H):	approx. 380 x 170 x 280 mm
Weight:	approx. 19.0 kg

Scope of supply:

Pump with foot switch, 3 m High pressure hose No. 37729



Electro Hydraulic Drive Unit CE

Battery and 230 V mains operated

05222

Combined mains/battery operated Pump for Hydraulic Cutting, Crimping and Punching Tools.



Rated output:	0.37 kW
Motor Voltage:	24 V DC
Capacity switchable:	0.4 / 0.8 l/min
Operating pressure:	700 bar (10,000 PSI)
Dimension (L x H x W):	approx. 400 x 240 x 380 mm
Weight:	21 kg
Max. oil volume:	1.1 l
Useable oil volume:	approx. 0.5 l
Operating temperature:	-20 °C up to +40 °C
Motor:	Interruption operation
Battery charging time:	approx. 3 h

Optical charging indicator.
Handy pendant "touch" control.

Scope of supply:

Pump Unit incl. control mechanism, aluminium case and carrying strap, plug, pendant "touch" control, 3 m high pressure hose incl. coupler



Accessories:

Hydraulic hoses (incl. coupler):
3 m Art.-No. 05280
5 m Art.-No. 05281
10 m Art.-No. 05282

Foot switch **05241**

Electro Hydraulic Drive Unit CE

05279

Mains operated 230 V

Mains operated pump for Hydraulic Cutting, Crimping and Punching Tools



Rated output:	0.75 kW
Capacity:	0.6 l/min
Operating pressure:	700 bar (10,000 PSI)
Dimensions (L x H x W):	approx. 350 x 190 x 370 mm
Weight:	26 kg
Max. oil volume:	1 l
Useable oil volume:	approx. 0.5 l
Operating temperature:	-20 °C up to +40 °C
Motor:	Interruption operation

Handy pendant "touch" control.

Scope of supply:

Pump Unit incl. control mechanism, plug, pendant "touch" control, 3 m high pressure hose incl. coupler

Accessories:

Hydraulic hoses (incl. coupler):
3 m Art.-No. 05280
5 m Art.-No. 05281
10 m Art.-No. 05282

Foot switch **05241**

= Article-No.