



ALFRA BUSBAR BENDING AND HOLE PUNCHING DEVICE

ALFRA busbar bending and hole punching device with electrical angle measurer R10, bending die R10 and length limit stop

Electrical angle measurer R10
 Bending die R10

Length limit stop

Bending die with movable jaws (120 x 10 mm Cu)
 Digital angle measurer
 Stage bending tool with 2 pairs of pressure plates for 5 and 10 mm stages (max. range: 100 x 5 mm / 60 x 10 mm Cu)

Prod.-No.
03200SET

03201
03202

03203

03228

03229

03246



Prod.-No. 03200SET

Electro-hydraulic pump AHP M

Technical data:

Max. pressure:	700 bar
Max. flow rate:	1.1 l/min
Oil type:	HLP 32
Filling volume:	3.2 l
Working volume:	2.2 l
Weight:	29 kg
Operating voltage:	230 V / 50 Hz
Power:	1.3 kW
Current consumption:	5.65 A
Motor speed:	2800 rpm

Electro-hydraulic pump AHP M
 optional hand switch for AHP S and AHP M



Prod.-No. 03229

Freely-programmable digital angle measurer
 Can be used for devices
 Prod.-No. 03200 and 03980



Prod.-No. 03201



Prod.-No. 03228



Prod.-No. 03202

Electro-hydraulic pump AHP S

Technical data:

Max. pressure:	700 bar
Max. flow rate:	0.58 l/min
Oil type:	HLP 32
Filling volume:	3.2 l
Working volume:	2.2 l
Weight:	27 kg
Voltage / frequency:	230 V / 50 Hz
Power:	0.75 kW
Current consumption:	3.26 A
Motor speed:	2800 rpm

Electro-hydraulic pump AHP S
 incl. hand switch

Prod.-No.
03854



Prod.-No. 03855



Prod.-No. 03854

Prod.-No.

ALFRA busbar set 1:

03911

- Prod.-No. 03200SET
ALFRA busbar bending and hole punching device with electrical angle measurer R10, bending die R10 and length limit stop
- Prod.-No. 03855
electro-hydraulic pump **AHP M**



Prod.-No. 03911



Prod.-No.

ALFRA busbar set 2:

03921

- Prod.-No. 03200SET
ALFRA busbar bending and hole punching device with electrical angle measurer R10, bending die R10 and length limit stop
- Prod.-No. 03854
electro-hydraulic pump **AHP S**



Prod.-No. 03921



Accessories

Available punches and dies

Punch Ø in mm	Metric Screw connection	Max. Material thickness in mm	Prod.-No.
6.6	6.0	5.0	03204
9.0	8.0	6.0	03205
9.5	8.0	6.0	03206
11.0	10.0	12.0	03207
11.5	10.0	12.0	03208
13.5	12.0	12.0	03209
14.0	12.0	12.0	03210
17.5	16.0	12.0	03211
18.0	16.0	12.0	03212
21.0	20.0	12.0	03213
21.5	20.0	12.0	03214

Die ØMax. in mm	Material thickness in mm	Prod.-No.
6.6	5.0	03230
9.0	6.0	03231
9.5	6.0	03232
11.0	12.0	03233
11.5	12.0	03234
13.5	12.0	03235
14.0	12.0	03236
17.5	12.0	03237
18.0	12.0	03238
21.0	12.0	03239
21.5	12.0	03240

Punches and dies for longitudinal holes up to max. L x W = 21 x 18 mm Prod.-No.

03241



longitudinal hole punches and dies

Round punches and dies