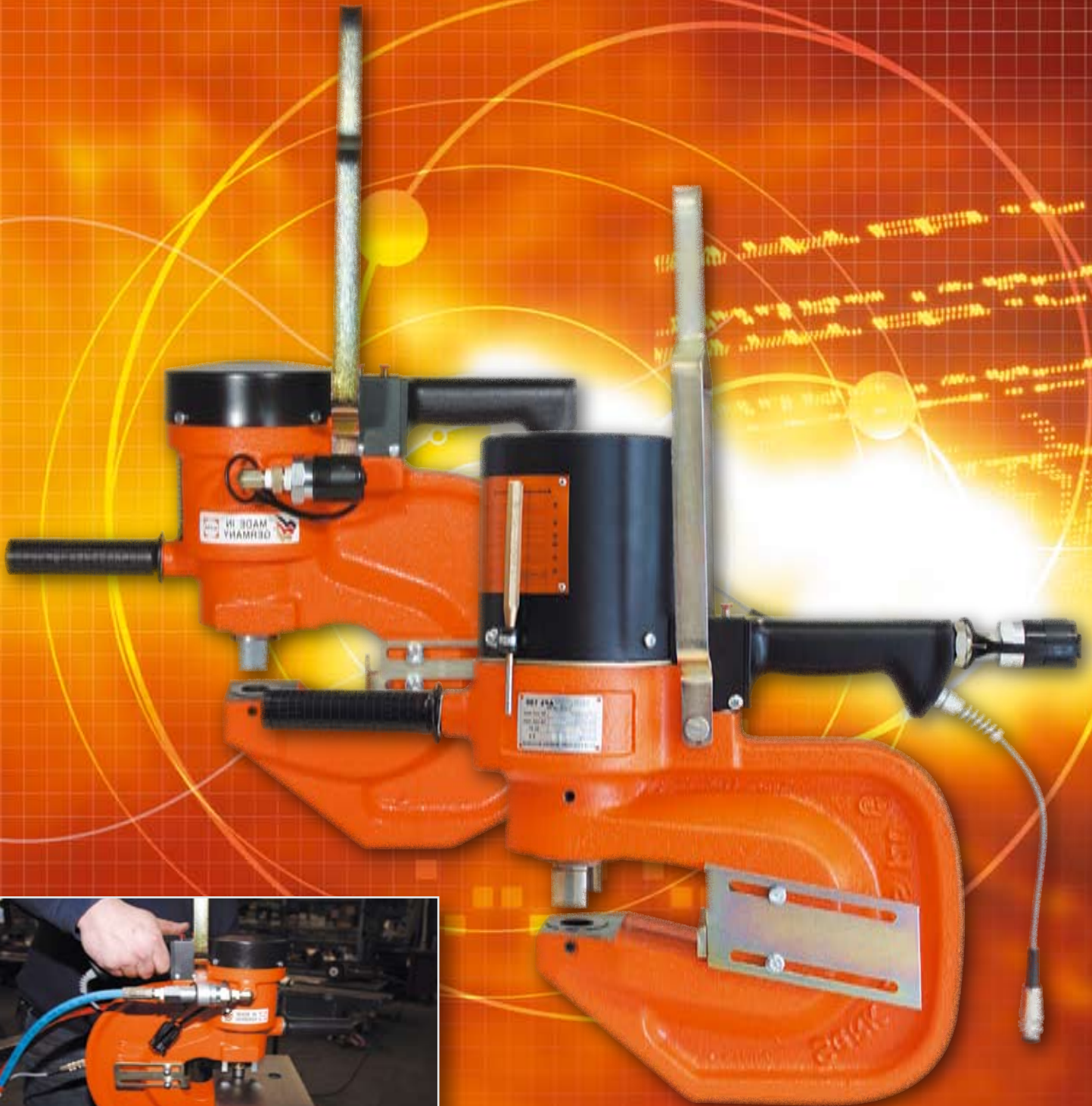


# ALFRA ROTABEST

PUNCHING SOLUTIONS  MADE IN GERMANY

# HYDRAULIC PUNCHING UNITS



## Hydraulic Punching Units



### SINGLE ACTING

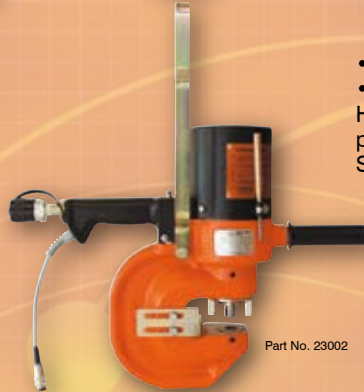
#### APS 60

- Punch Diameter up to 18mm
- Max material thickness 10mm\*
- Only 17kg
- Punching power 22 t
- Total punching time with Pump  
SC 05 11: appr. 7 sec,  
SC 17 : appr. 4 sec
- Throat Depth: 60mm
- Includes: Control Cable, Hydraulic Hose (5m), Tools and one Punch and Die Set (ø14mm)



#### APS 70

- Punch Diameter up to 22mm
- Max material thickness 13mm\*
- Only 21kg
- Punching power 30 t
- Total punching time with Pump  
SC 05 11: appr. 10 sec,  
SC 17 : appr. 5 sec
- Throat Depth: 70mm
- Includes: Control Cable, Hydraulic Hose (5m), Tools, depth fence, suspension hook, one Punch and Die Set (ø18mm)



#### APS 120

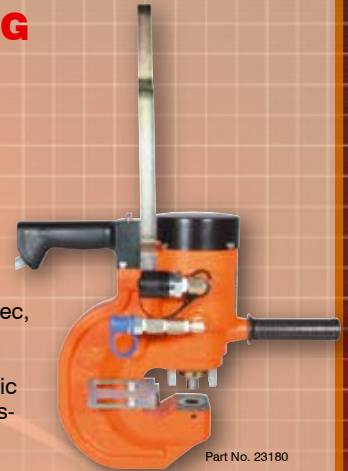
- Punch Diameter up to 25mm
- Max material thickness 16mm\*
- Only 35kg
- Punching power 44 t
- Total punching time with Pump  
SC 05 11: appr. 15 sec,  
SC 17 : appr. 8 sec
- Throat Depth: 110mm
- Includes: Control Cable, Hydraulic Hose (5m), Tools, depth fence, suspension hook, one Punch and Die Set (ø22mm)



### DOUBLE ACTING

#### APS 70 D

- Punch Diameter up to 22mm
- Max material thickness 13mm\*
- Only 21kg
- Punching power 30 t
- Total punching time with Pump  
SC 05 11: appr. 10 sec,  
SC 17 : appr. 5 sec
- Throat Depth: 70mm
- Includes: Control Cable, Hydraulic Hose (5m), Tools, depth fence, suspension hook, one Punch and Die Set (ø18mm)



#### APS 110 D

- Punch Diameter up to 22mm
- Max material thickness 13mm\*
- Only 35kg
- Punching power 30 t
- Total punching time with Pump  
SC 05 11: appr. 10 sec,  
SC 17 : appr. 5 sec
- Throat Depth: 110mm
- Includes: Control Cable, Hydraulic Hose (5m), Tools, depth fence, suspension hook, one Punch and Die Set (ø18mm)



\*Based on Steel Grade ST 42

## Hydraulic Pumps



#### SC 05 11 to suit APS 60, 70, 120

- Max Pressure: 750 bar / 10670 psi
- Pump Capacity: 0.94 l/min at 2770 rpm
- Pumps weighs 27kg
- Powerful 1100w motor
- Oil Quantity: 5l
- Dimensions: 550 x 255 x 460mm

#### SC 17 to suit APS 60, 70, 120

- Max Pressure: 750 bar / 10670 psi
- Pump Capacity: 1.5 l/min at 1370 rpm
- Pumps weighs 45kg
- Powerful 1500w motor
- Oil Quantity: 17l
- Dimensions: 550 x 370 x 560mm



#### SC 17D to suit APS 70D, 110D

- Max Pressure: 750 bar / 10670 psi
- Pump Capacity: 1.5 l/min at 1370 rpm
- Pumps weighs 47kg
- Powerful 1500w motor
- Oil Quantity: 17l
- Dimensions: 550 x 370 x 560mm

