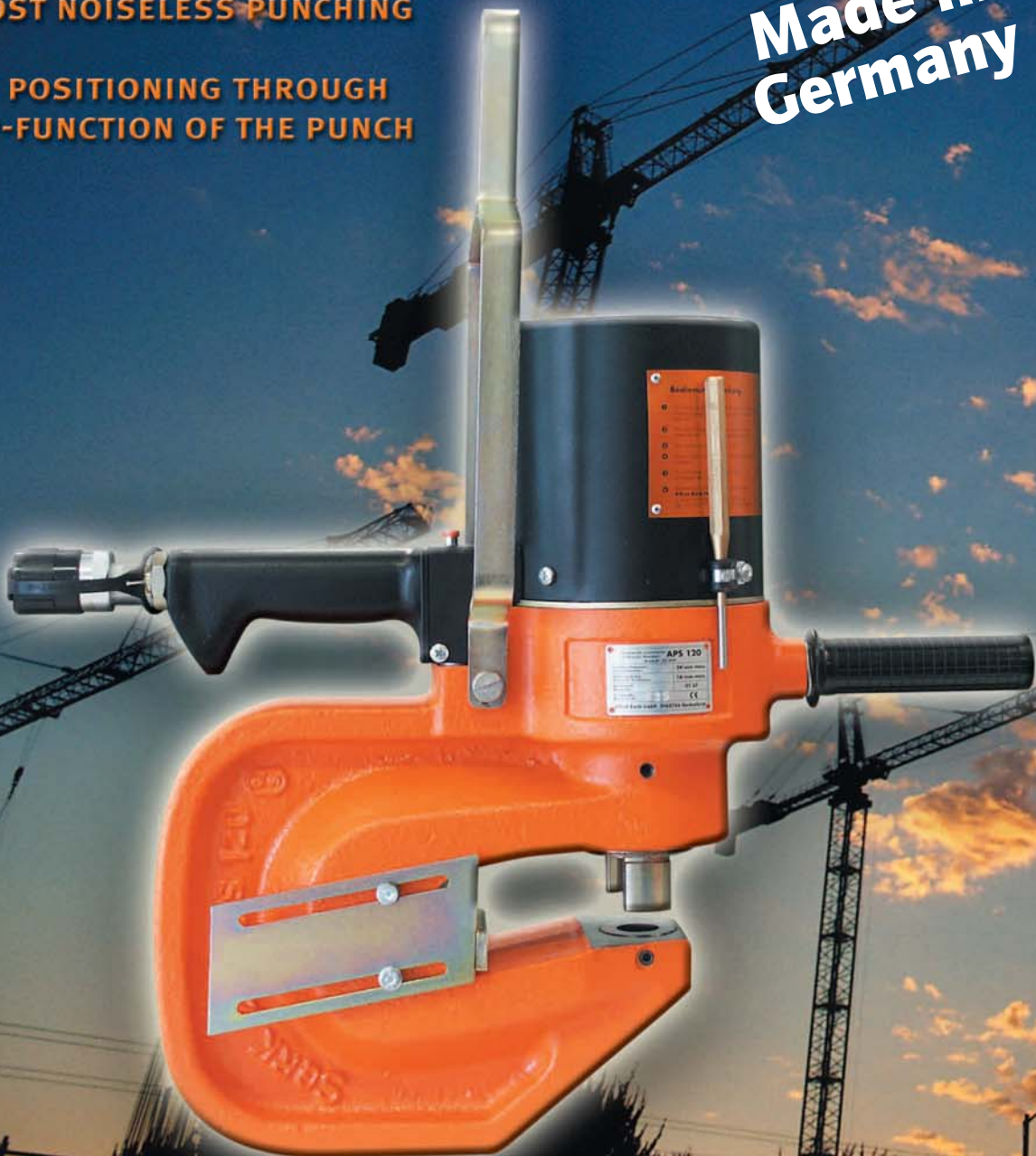


ALFRA - PRESS

HYDRAULIC PUNCHING UNITS

- ▶ EASILY PORTABLE, FULLY AUTOMATIC HYDRAULIC PUNCHING UNITS FOR STEEL-, BRIDGE-, CONTAINER-, CRANE- AND METAL CONSTRUCTION
- ▶ MOBILE USE, NO TRANSPORT OF MATERIAL
- ▶ ALMOST NOISELESS PUNCHING
- ▶ EASY POSITIONING THROUGH STOP-FUNCTION OF THE PUNCH

**Made in
Germany**



ALFRA-PRESS HYDRAULIC PUNCHING UNITS SINGLE ACTING

MADE IN GERMANY BY ALFRA – INTERCHANGEABLE TO NITTO AND OTHERS

ALFRA-Press APS 60

Hydraulic Punching Unit with automatic return stroke

Prod.-No.
23001

Technical Data:

Max. hole Ø	11/16"
Max. material thickness	When working on St. 42 - 3/8"
Total punching time with Pump SC 05 II	appr. 7 sec.
with Pump SC 17	appr. 4 sec.
Throat depth	2-3/8"
Max. pressure	1542,9 lbs./cm ² (10000 psi)
Punching power	22 t
Punch stroke	5/8"
Weight	37 lbs.

Standard equipment

APS 60 Punching Unit, control cable and hydraulic hose 5 m, spanner, punch and die Ø 9/16"



Prod.-No. 23001

ALFRA-Press APS 70

Hydraulic Punching Unit with automatic return stroke

Prod.-No.
23002

Technical Data:

Max. hole Ø mm	7/8"
Oblong holes max.	7/8" x 9/16"
Max. material thickness	When working on St. 42 - 1/2"
Total punching time with Pump SC 05 II	appr. 10 sec.
with Pump SC 17	appr. 5 sec.
Throat depth	2-3/4"
Max. pressure	1542,9 lbs./cm ² (10000 psi)
Punching power	30 t
Punch stroke	1-1/16"
Weight	46 lbs.

Standard equipment

APS 70 Punching Unit, control cable and hydraulic hose 5 m, spanner, punch and die Ø 1-1/16", depth fence, suspension hook



Prod.-No. 23002

ALFRA-Press APS 120

Hydraulic Punching Unit with automatic return stroke

Prod.-No.
23004

Technical Data:

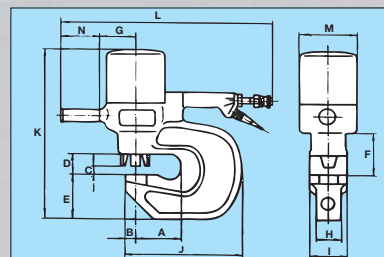
Max. hole Ø mm	15/16"
Oblong holes max.	15/16 x 11/16"
Max. material thickness	When working on St. 42 - 5/8"
Total punching time with Pump SC 05 II	appr. 15 sec.
with Pump SC 17	appr. 8 sec.
Throat depth	4"
Max. pressure	1542,9 lbs./cm ² (10000 psi)
Punching power	44 t
Punch stroke	15/16"
Weight	77 lbs.

Standard equipment

APS 120 Punching Unit, control cable and hydraulic hose 5 m, spanner, punch and die Ø 13/16", depth fence, suspension hook



Prod.-No. 23004



all sizes in mm

Typ	A	B	C	D	E	F	G	H	I	J	K	L	M	N
APS 60	60	17	12	51	73	92	75	40	74	162	360	552	110	135
APS 70	70	24	15	51	85	100	80	40	80	204	382	562	125	135
APS 120	110	25	18	51	111	110	90	68	100	285	442	585	144	135

Tools on request.

All Nitto Tools fit on all Alfra Units.

Important technical notice:

The APS Punching Units are not suitable for punching high-tensile tool steels, stainless steels or boiler plates.

Ask for our technical advice for punching jobs in this application range.