

Pull-off caterpillar Type BA 400



Suitable for continuously pulling off rubber profiles (with and without steel armouring), hoses or plastic profiles.

The BA 400 pull-off machine - developed for flexible use in production while conforming to all valid safety regulations stipulated by EU Directives. A comprehensive safety concept protects man and machine from injury and damage.

The working area at the machine is ergonomically designed and freely accessible for the operator. The machine is characterised by its compact design and comprehensive range of features, ensuring a high degree of flexibility in production.

The machine is mobile making it suitable for use in both production directions. The servodrive guarantees constant pulling speeds from 0 to 60 m/min. The pull-out loop control can be used on both sides and enables automatic speed adaptation in online or offline operation.

The pull-off machine is operated by a state-of-the-art touch screen where all functions are clearly arranged. The touch screen makes available parameters such as belt speed, height setting, loop control options to the operator as well as many other operating functions.

MACHINE - FEATURES

- High safety standard
- Mobile machine with retractable support feet
- Compact design and ergonomic operation
- Absolute synchronous operation of upper and lower belt
- Servodrive for precision pulling speed from 0 to 60 m/min
- Motorised belt height adjustment, reproducible within 0.1 mm
- Easy to set up
- Integrated, flexible loop control for left-hand and right-hand rotation
- Integrated connection cable reel
- Easy and fast belt change
- Optional data memory for reproducible machine settings

NEW! Optional pulling force measurement

MACHINE DATA, PULL-OFF CATERPILLAR BA 400

Effective contact length	400 mm
Profile pass-through height	60 mm*
Profile pass-through width	150 mm*
Machine clearance	1100 mm*
Belt width	150 mm*
Pulling speed	0-60 m/min*
Pulling force	500-2000 N*
Motorised height adjustment	1-60 mm*
Electrical connection	230/400 V, 3 Ph, 50 HZ, PE+N*
Machine version	CE standards, DIN standards
Machine dimensions LxWxH	950 mm x 580 mm x 1400 mm



MAIN STANDARD EQUIPMENT

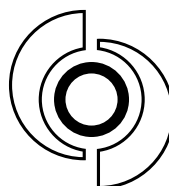
Mobile version of pull-off caterpillar	Yes
Flexible pulling direction	Yes
Visor with safety monitoring	Manual
Number of separate belt drives	1
Quick-change belts	Yes
Temperature resistance of belt material up to	100 °C
Belt drive with servomotor	Yes
Automatic slip compensation	Yes
Manual loop compensation via boost button	Yes
Horizontal profile guide at inlet and outlet	Yes
Safety concept with selective deactivation	Yes
Digital motor control	Yes
Pulling speed synchronised with line speed	Yes
Local pulling speed control	Yes
Acoustic and visual signalling	Yes
Switchgear cubicle	Integrated
Connection cable with reel	Yes, 9 m long
Programmable logic controller	Siemens S 7
Operation via touch display	Siemens TP 700*

* or customised



EQUIPMENT OPTIONS

- Alternative belt width 200 mm
- Sag control DH-501
- Optional data memory for reproducible machine settings
- Optional pulling force measurement
- Other options on request



GERLACH
MASCHINENBAU