Pull-off caterpillar type BA 501

Suited for continuous pull-off of rubber profiles (with and without steel reinforcing), hoses or smaller plastic profiles

The BA-501 pull-off machine is based on an intelligent concept, simple to operate and powerful. It is particularly suited for continuous pull-off of rubber profiles (with and without reinforcement), hoses or plastic profiles.

The safety concept of selective switch-off incorporates an integrated hinged cover to protect operator and machine from injury and damage. The working area is simultaneously freely accessible to the operator.

The draw-off system is operated via a touch screen. An intuitive operating system offers a clear overview of all the functions. All the parameters such as belt speed, height positioning of the upper belt, slip compensation etc. are available to the operator.

The belt speed may be optionally controlled either for automatic operation in-line with your production plant or controlled locally.

Loops created during production may be rapidly straightened using the “Boost” button.

MACHINE HIGHLIGHTS

- Automatic slip compensation may be selected in case of inadequate grip on the product
- Motorised height adjustment at reproducible values
- Quick change conveyor belts
- Spacious work area for setting up
MACHINE DATA, PULL-OFF CATERPILLAR BA 501

Effective contact length 980 mm
Profile pass-through aperture height 80 mm *
Profile pass-through aperture width 125 mm *
Machine clearance height 1000 mm *
Belt width 150 mm*
Pull-off speed 3-60 m/ min*
Pull-off tension 2000 N*
Motorised height adjustment 1-100 mm*
Electrical connection 230/400 V, 3 Ph, 50 Hz, PE+N*
Machine version CE standards, DIN standards

MAIN STANDARD EQUIPMENT

Inspection cover operation manual
Number of separate belt drives 2
Digital motor control yes
Belt material temperature resistance up to 100 °C
Automatic slip compensation yes
Manual loop compensation via Boost button yes
Horizontal profile guide at infeed yes
Safety concept with selective switch-off yes
Pull-off speed synchronised to line speed yes
Local pull-off speed regulation yes
Quick change conveyor belts yes
Electrical switch cabinet integrated
PLC control Siemens S 7
Operation via touch display Siemens*

* or customised

CONFIGURATION OPTIONS

- Machine with pull-off force up to 4 000 N
- Alternative belt width, 200 mm
- Version as mobile stand-alone machine
- Sag control, DH-501
- Other options on request