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 DATA, PULL-OFF CATERPILLAR BA 400

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

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