

Horizontal Rod-Wire Pay-off with Flyer



Application

This pay-off with flyer is suitable for installation in front of drawing machines where normally simple flipper-type pay-off systems have been used. Especially for high-carbon wires its design offers the following advantages:

- Low-noise operation
- No damage of wire surface and lubricant carrier
- Easy handling for loading process
- High pay-off speed
- High safety standard against accidents
- With motorized flyer (option) especially suitable for pay-off of cold heading wires



Pay-off with operating panel and wire pointing machine

Method of operation

Loading of rod wire coils is effected by crane and C-hook. During loading the front support is hydraulically swivelled backwards whereas the carrier beam is propped-up hydraulically by a second support installed at pay-off side.

By means of a motorized pushing device the rod coils are moved on the carrier beam towards the flyer. During this operation the support at the pay-off side is swivelled in its backward position. The point of the first coil is fed to the drawing machine via guide rolls on the flyer and through the hollow rotor axle. A rope with clamping device makes threading operation of thicker wires diameters easier. During pay-off of the first coil, the carrier beam is charged with a further coil and wire points are welded together, thus allowing a continuous operation without necessity to stop the drawing machine.



Pay-off with butt-welding machine for high-carbon wires

Technical Data

Loading capacity	3 x 1,500 kg
Rod wire dia.	8.0 – 16.0 mm
Pay-off speed	up to 4.0 m/s
Space requirement	11000 x 3000 x 2600 mm high

Modifications reserved without prior notice