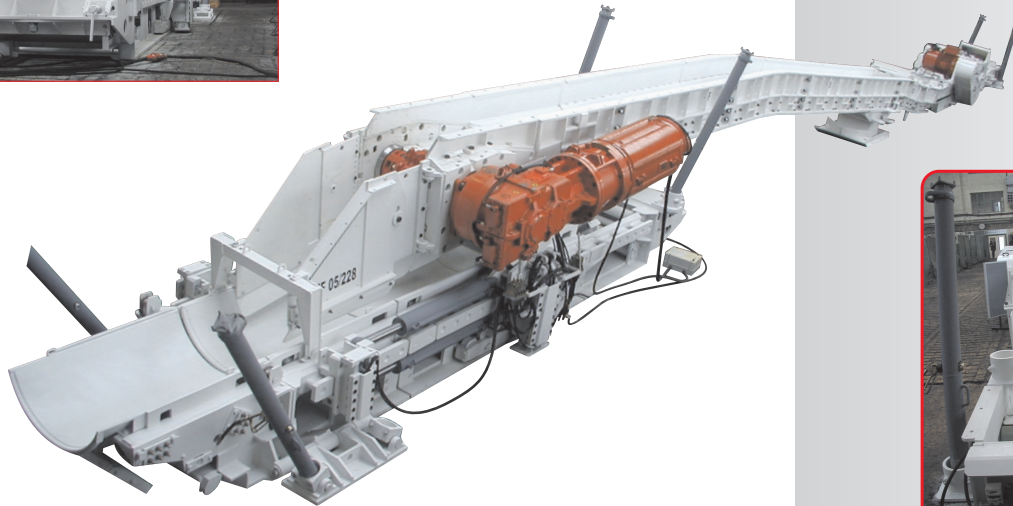




T Machinery a.s.

Stage loaders

PZF 05



The Stage loaders PZF 05 of a self-supporting structure is a special collecting scraper conveyor. Once it is installed, it moves on the footwall of an opening and its end passes over the undercarriage and extends over the end part of the belt conveyor connected to it. The straight hydraulic motors on the travelling part of the machine produce the force necessary for this traverse. In the case where the electrical equipment is installed on the positioning plates of the under working equipment, there is no need to install the suspension railway for its operation.

The under working is equipped with grips and flexible hydraulic motors for the carrying ropes of the belt conveyors.

Anchorage of the working face KPD-F 02 conveyor enables a mechanical connection between the self-supporting collecting scraper conveyor and the main drive unit of the face conveyor, which enables the PZF to move simultaneously with the working face conveyor without interrupting the working face extraction.

| | PZF 05/P1 | PZF 05/P2 | PZF 05/P2 | PZF 05/P2 | |
|---|------------|-----------|------------|------------|-----|
| Width of the used belt conveyor | 1000 | 1000-1200 | 1000-1200 | 1000-1200 | mm |
| Type of the used belt conveyor | DPOF | DPOF | DPOF | DPOF | |
| Width of the used scraper conveyor | 228/732 | 225/800 | 190/800 | 260/852 | mm |
| Driving station | DH 228/732 | DH225/800 | DH 190/800 | DH 260/852 | |
| Stretching lift | 250 | 250 | 250 | 250 | mm |
| Travel length of the self-supporting part | max. 12 | max. 12 | max. 12 | max. 12 | m |
| Travel step of the self-supporting part | 800 | 800 | 800 | 800 | mm |
| Traversing force of the equipment | 120 | 120 | 120 | 120 | t |
| Anchorage unit | KPD-F 02 | KPD-F 02 | KPD-F 02 | KPD-F 02 | |
| Driving PZF | 200 | 2x200 | 2x200 | 2x250 | kW |
| Driving DU (Coal Crusher) | 75-100 | 160 | 160 | 160 | kW |
| Mobile power station suspended on the suspended railway | Yes | Yes | Yes | Yes | |
| Maximum length of the conveyer | 80 | 120 | 80 | 120 | m |
| Haulage | 900 | 1100 | 1100 | 1300 | t/h |