



T Machinery a.s.

# Anchorage of the Face Conveyers

The KPD-F 02 anchorage equipment is determined for anchoring the driving stations for the face conveyors ( like. DH 830, Westfalia PF 4, 3 HB 260 a.p.) up to 20° gradient / pitch

The basic precondition for using the KPD-F 02 anchorage is the driving station for the face conveyor to be placed in an opening either under or over the working face.

## KPD-F 02 anchorage equipment has a unit - construction and enables :

- an anchorage of the face conveyor driving station on the discharging or on the reverse end
- a mechanical connection between the working face and gathering conveyors
- an anchorage of the gathering conveyor reverse station
- using the face or the side re-loading
- both left and right hand side arrangements of the working face
- connecting the mechanically powered support to guarantee the working face -opening contact



## Basic technical parameters:

Maximum weight of the anchored driving station	25 000 kg
Maximum anchorage loading capacity	1 179 kN
Maximum number of the anchoring supports	3 pcs
Maximum force for an anchorage transfer including the connected working face and gathering conveyor	2 x 500 kN

The anchorage of the KPD-F 02 face conveyor makes it possible to connect in a mechanical way the collecting scraper conveyor with the working face driving station, which enables to move the PZF simultaneously with the working face conveyor without interrupting the working face extraction.