



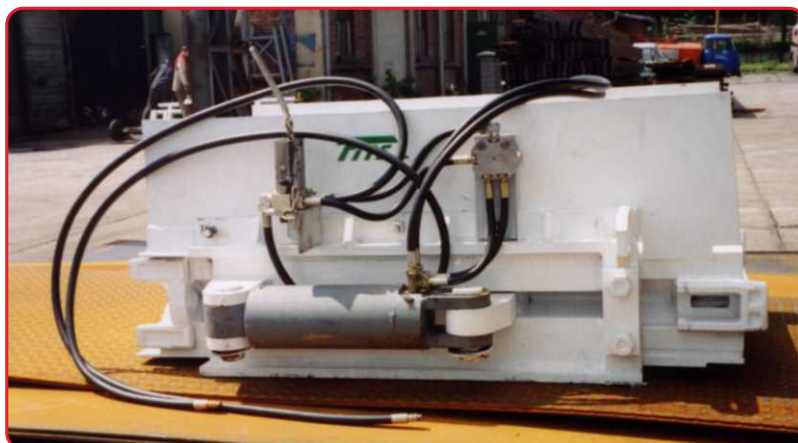
**T Machinery a.s.**

## Tensioning Equipment

### HNZ Hydraulic Tensioning Equipment

Serves as follows:

- for tensioning the transport chain up to the necessary pre-stressing
- for handling the transport chain, for its release on disconnection etc.



The basic width of a trough is 1500 mm and by means of two hydraulic cylinders (or stretching bolts) it is possible to elongate it up to the length of 1700 mm. The trough construction enables to lay it both on the footwall and to suspend it on a suspension railway as a component of a suspended gathering scraper conveyor.

Type mark	Width	Use for scraper conveyers
HNZ 01	600 mm	-
HNZ 02	700 mm	SHD 225/732
HNZ 04	800 mm	SHD 225/800, SHD 225/832

### NZ - F 02 Tensioning Equipment

The NZ - F 02 equipment is determined for tensioning the transport 26 x 92 a 30 x 108 chain with a pitch of 100, 120 or 200 mm in case of the scraper conveyors. It serves as an auxiliary equipment for tensioning the chain on its disconnection followed by connection by means of the chain couplings.

The NZ - F 02 equipment is ready to be used after putting the suspensions into the scraper and securing this position by a hinged pin between the chains. The equipment guarantees a safe disconnection of the transport chain, this firstly by the construction of the suspensions that are secured on the scraper and secondly by controlling them from a safe point inside the conveyor. The pre-stressing regulation is controlled by a pressure gauge that's an integrated part of the hydraulic distribution system. Advantages are the possibilities to be used in any point of the conveyor and also a small weight of the equipment.

#### Basic technical parameters:

Used hydraulic motor		HV 90 / 60 - 500
Working liquid		Emulsion solution 23% Emulzin N
Working pressure	MPa	32
Maximum stretching force	kN	120
Scraper conveyer chain	mm	26 x 92 a 30 x 108
Scraper conveyer chain pitch	mm	100, 120 or 200