



HYDRAULIC TRANSPORT EQUIPMENT TZH10/20

KL-TZH10/20

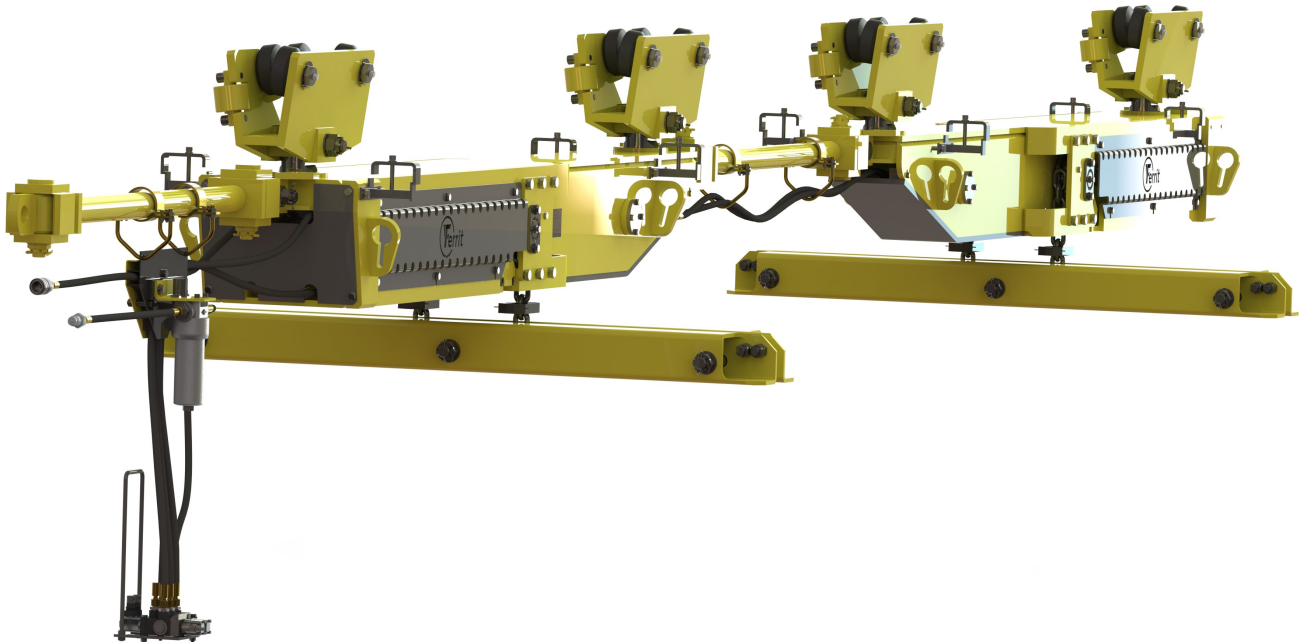
VERSION

VALID FROM

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Description:

The hydraulic transport equipment TZH10/20, hereinafter referred to as the transport equipment, is a equipment used for lifting, handling and transporting loads along a single-rail suspension track of the I155 profile in the horizontal plane and in bends of up to $\pm 30^\circ$. It is recommended to use a suspension locomotive of an approved type as a means of traction and at the same time as a source of pressurized oil.

The hydraulic transport equipment TZH10/20 can be used in environments with a risk of explosion of methane and coal dust up to SNM level 2 according to § 232 Proc. CBU No. 22/1989 Coll. as amended. According to Government Regulation No. 116/2016 (Directive 2014/34/EU), the equipment is classified in group I and category M2.

The TZH10/20 hydraulic transport equipment is a pair of TZH10 transport equipment connected by a connecting rod. It is constructed as a closed frame in which a hydraulic cylinder is located, equipped with a hydraulic lock with a braking trigger valve. The frame is suspended on the track of the profile using a carrier carriage. The traction chains are set in motion by a simple chain gear with a sliding free pulley. One end of the chains is attached to the beam with fixed locks, the movable ends can be attached to a rocker equipped with a hole for attaching a load hanger. Control of both TZH10 equipment is provided by a switchboard located on the tie rod between the TZH10/20 and the set's traction equipment.





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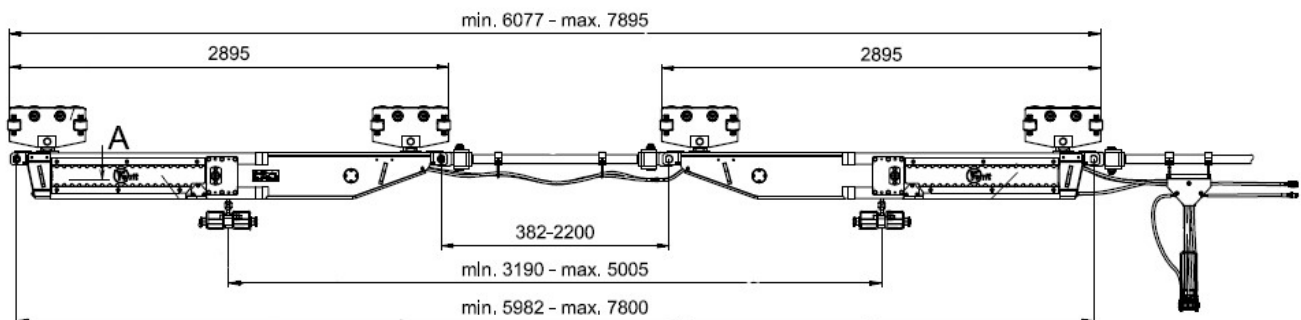
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Technical parameters:

Maximal load capacity	2 x 10.000=20.000 kg
Lifting chain	13x.39 DIN 5687
Working lift	1,64 m
Lifting time of 1 meter when the amount of hydraulic oil supplied is 30dm ³ /minute	30 sec
Hydraulic oil pressure	15÷16 MPa
Working fluid	Hydraulic oil
Minimum amount of hydraulic oil supplied	20 dm ³ /minute
Profile of the suspension rail line	I155
Horizontal curve radius of monorail line, minimum	4m
Vertical curve radius of monorail line, minimum	8m
Maximum transport speed	2,5 m/s
Maximum slope angle	±30°
Length of lifting bar	1500 ÷ 1750 mm
Maximum traction	120 kN
Weight	1860 kg

Dimensional drawing:



Equipment catalog is for general description only and we will produce according to customer's detailed requirements.



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