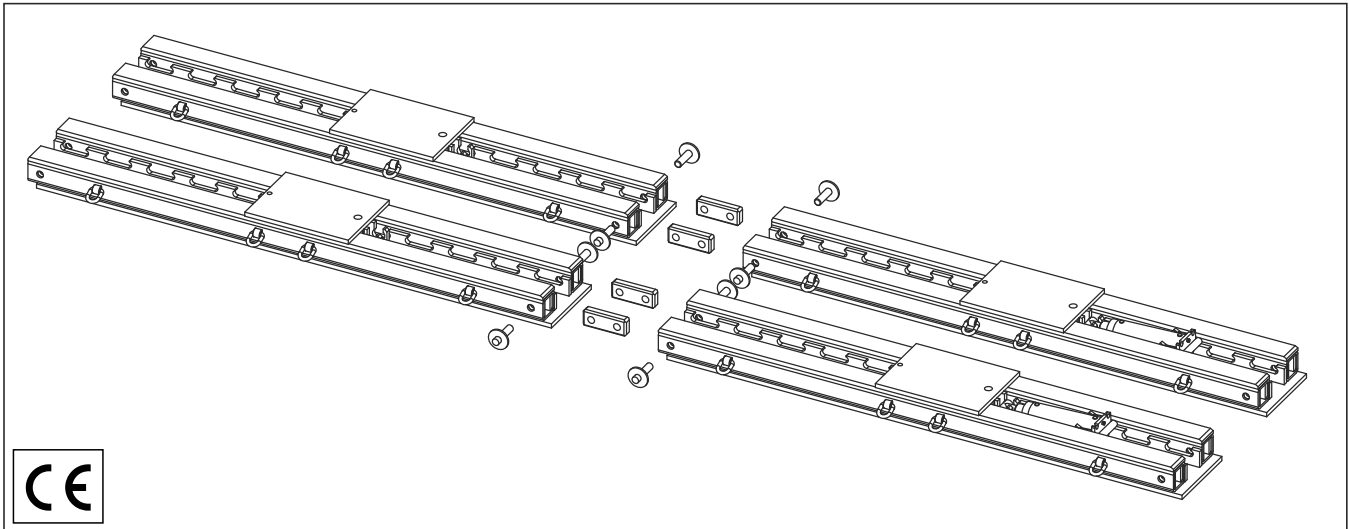


# HT500

## HEAVY TRACK SKIDDING SYSTEM



The HT500 features rigid steel tracks capable of carrying loads over unsupported spans, is engineered to push loads up to 500 tons (454 tonnes), and has a working height of only 8" (205 mm).

- Quick & simple track connections
- Designed to both push and pull
- Durable graphite slide surface
- Cylinders automatically reset
- Stamped, engineered assembly drawings and capacity charts provided



# HT500

## HEAVY TRACK SKIDDING SYSTEM



### HT500 Specifications

Skidding Push Capacity*	<b>500 ton</b> 453 tonne
Skidding Pull Capacity*	<b>250 ton</b> 227 tonne
Skidding System Height	<b>8"</b> 205 mm
Cylinder Capacity - Push	<b>55 ton</b> 50 tonne
Cylinder Capacity - Pull	<b>28 ton</b> 25 tonne
Cylinder Push/Pull Stroke	<b>13"</b> 330 mm
Cylinder Hydraulic Couplers	Enerpac CR400 (female)
Skidding Speed**	<b>55 ft/hr</b> 17 m/hr
Skid Shoe Capacity	<b>125 ton</b> 113.5 tonne
System Coefficient of Friction	<b>15-20%</b>
Slide Surface Material	Graphite
Maximum Slope	<b>+/- 2%</b>
Track Alignment Tolerance	<b>+/- 0.25"</b> +/- 6 mm
Maximum Operating Pressure	<b>10,000 psi</b> 700 bar

\*Based on standard system with (2) cylinders & (4) skid shoes

\*\*Determined using Hydra-Pac 20-2-4D

HT500 Dimensions	Length	Width	Height	Weight
20' Track Section	<b>20'</b> 6.10 m	<b>22"</b> 560 mm	<b>7"</b> 180 mm	<b>3460 lb</b> 1569 kg
19'-2" Track Section	<b>19'-2"</b> 5.84 m	<b>22"</b> 560 mm	<b>7"</b> 180 mm	<b>3270 lb</b> 1483 kg
15' Track Section	<b>15'</b> 4.57 m	<b>22"</b> 560 mm	<b>7"</b> 180 mm	<b>2590 lb</b> 1175 kg
12'-6" Track Section	<b>12'-6"</b> 3.81 m	<b>22"</b> 560 mm	<b>7"</b> 180 mm	<b>2075 lb</b> 941 kg
10' Track Section	<b>10'</b> 3.05 m	<b>22"</b> 560 mm	<b>7"</b> 180 mm	<b>1730 lb</b> 785 kg
HT500 Skid Shoe	<b>32.25"</b> 820 mm	<b>18"</b> 460 mm	<b>6"</b> 150 mm	<b>200 lb</b> 91 kg
Storage Rack with 4 Skid Shoes	<b>34"</b> 860 mm	<b>24"</b> 610 mm	<b>34"</b> 860 mm	<b>900 lb</b> 408 kg
Storage Box	<b>42"</b> 1.07 m	<b>34"</b> 860 mm	<b>22"</b> 560 mm	<b>1000 lb</b> 454 kg



All system components are stored in a steel box for convenience & easy transportation



# HT500

## HEAVY TRACK SKIDDING SYSTEM

### PROJECT

Emergency replacement of a failed transformer

*The Hydra-Slide HT500 is often used for the relocation of power transformers, fluid/gas vessels, and transfer of large loads between rail and transport equipment.*

**The Hydra-Slide skidding systems are an integral part of many of these projects. They can be utilized to efficiently and safely move large loads in confined spaces and allow for precise placement and alignment of heavy loads."**

Steve Hentrich, HWP Rigging

Photo Credit: HWP Rigging, Missouri, 2016