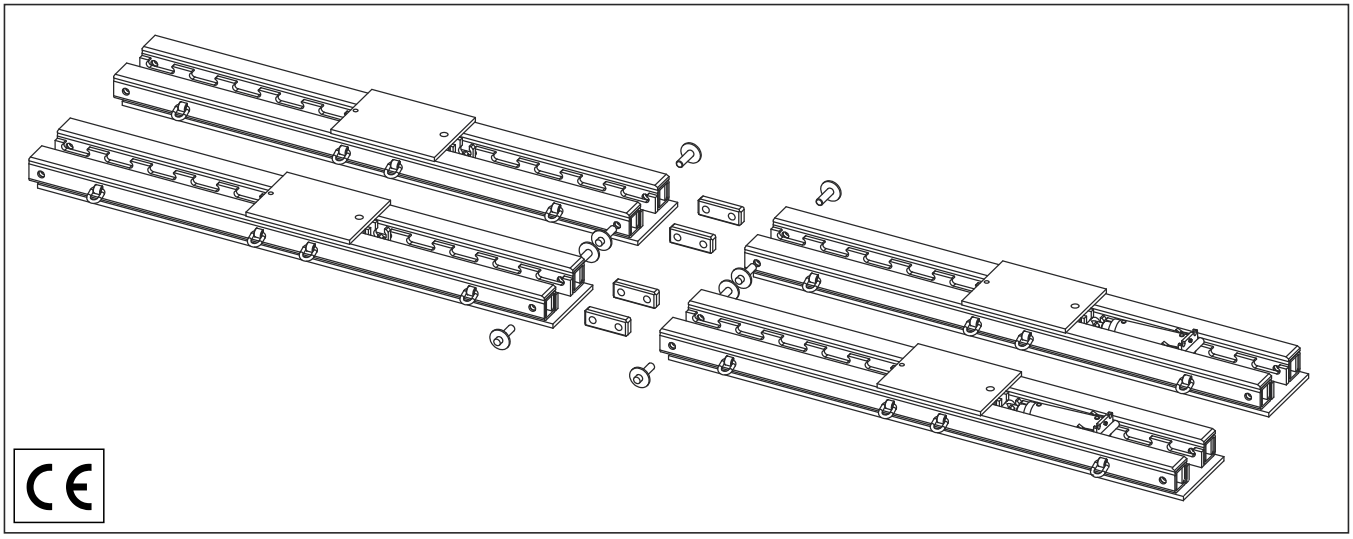
HT300
HEAVY TRACK SKIDDING SYSTEM

HYDRA-SLIDE



The HT300 features rigid steel tracks capable of carrying loads over unsupported spans, is engineered to push loads up to 300 tons (270 tonnes), and has a working height of only 7" (180 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

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HT300 Specifications	
Skidding Push Capacity*	**300 ton** *270 tonne*
Skidding Pull Capacity*	**150 ton** *135 tonne*
Skidding System Height	**7"** *180 mm*
Cylinder Capacity - Push	**30 ton** *27 tonne*
Cylinder Capacity - Pull	**15 ton** *13.5 tonne*
Cylinder Push/Pull Stroke	**14.25"** *362 mm*
Cylinder Hydraulic Couplers	Enerpac CR400 (female)
Skidding Speed**	**90 ft/hr** *28 m/hr*
Skid Shoe Capacity	**75 ton** *67.5 tonne*
System Coefficient of Friction	**15-20%**
Slide Surface Material	Graphite
Maximum Slope	**+/- 2%**
Track Alignment Tolerance	**+/- 0.25"** *+/- 6 mm*
Maximum Operating Pressure	**10,000 psi** *700 bar*

*Based on standard system with (2) cylinders & (4) skid shoes
**Determined using Hydra-Pac 20-2-4D

HT300 Dimensions	Length	Width	Height	Weight
20' Track Section	**20'** *6.10 m*	**19"** *510 mm*	**6.25"** *160 mm*	**2500 lb** *1134 kg*
19' Track Section	**19'** *5.80 m*	**19"** *510 mm*	**6.25"** *160 mm*	**2375 lb** *1077 kg*
15' Track Section	**15'** *4.57 m*	**19"** *510 mm*	**6.25"** *160 mm*	**1875 lb** *850 kg*
12' Track Section	**12'** *3.66 m*	**19"** *510 mm*	**6.25"** *160 mm*	**1500 lb** *680 kg*
10' Track Section	**10'** *3.05 m*	**19"** *510 mm*	**6.25"** *160 mm*	**1250 lb** *567 kg*
HT300 Skid Shoe	**34"** *86 cm*	**17"** *430 mm*	**6"** *150 mm*	**165 lb** *75 kg*
Storage Rack with (4) Skid Shoes	**34"** *61 cm*	**24"** *860 mm*	**34"** *860 mm*	**850 lb** *386 kg*
Storage Box with components	**42"** *1.07 m*	**34"** *860 mm*	**22"** *560 mm*	**1000 lb** *454 kg*

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

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PROJECT
Skidding two boilers inside an operational paper mill

SCOPE
- Boilers arrived on site by rail
- Transferred from rail to Hydra-Slide HT300 using 550-ton crane
- Transversed 60 m under existing pipe gallery and through an alleyway into the new boiler area

"We looked at beams and dollies, plate and dollies, multi-line transporters, etc.
None of these options could deliver a complete solution to the dimensional constraints, safety & engineering concerns, speed and control discussions nor the ease of use and functionality.
In short, we needed a solution that was pre-engineered, simple in design and effective regardless of weather conditions."

Jason Walker, AME Inc.

With just inches to spare on all sides,
the Hydra-Slide equipment was chosen
for its low profile & simple mobilization

Photo Credit: AME Inc.
North Carolina, 2016