

blistering heat sand
dust bitter cold

MINING

TOUGH CONDITIONS DEMAND

TOUGH EQUIPMENT



TERN

LEAVE THE HEAVY LIFTING TO US



Made in the USA

1.800.843.7648 | Winona, MN | www.thern.com

ISO
9001:2008
REGISTERED

Custom Applications **Electric & Hydraulic**

TYPICAL APPLICATIONS:

- Conveyor take-up winches (gravity, constant tension)
- Maintenance winches
- Conveyor positioning
- Field maintenance on shovels
- Wire rope reeving
- Plumb-bob winches
- Cart pulling winches
- Belt pulling
- Dredge and barge positioning



Capacities up to
50 Tons
and beyond
(7000 feet)

Contact a Thern sales representative
for product performance statistics.

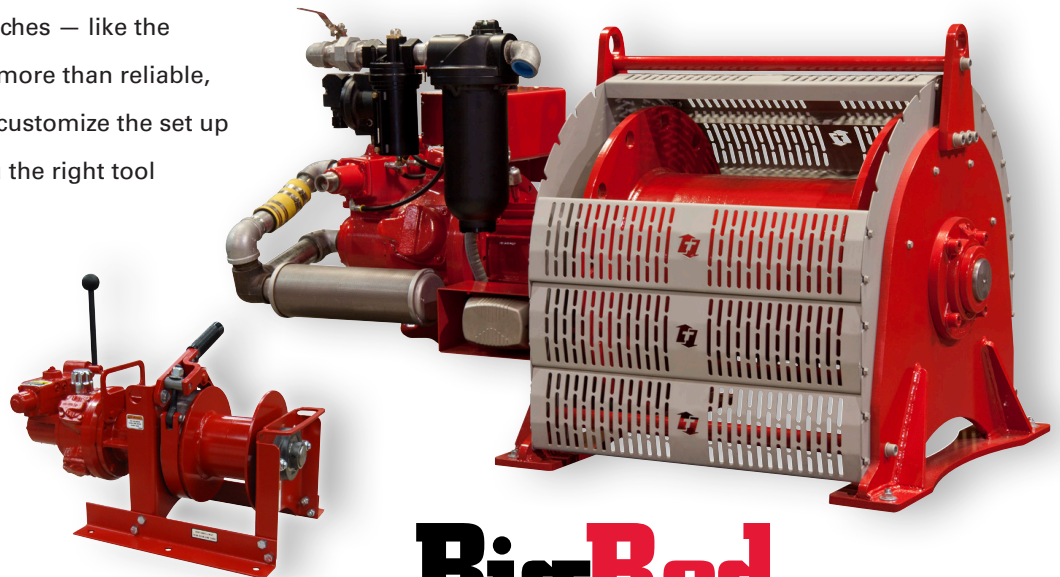
Performance Statistics

Heavy Duty Thern Air Tugger

Tough conditions demand tough winches — like the **Big Red TA series** from Thern. Much more than reliable, Thern Big Red winches allow you to customize the set up to suit your specific tasks, giving you the right tool for the job.



Thern, Incorporated
 5712 Industrial Park Road
 Winona, MN 55987
 1.800.843.7648
 www.thern.com



Big Red

MODEL	LOAD RATING (lb)	WIRE ROPE CAPACITIES		WIRE ROPE SIZE	AIR PRESSURE	AIR FLOW	LINE SPEED
		Min Drum Width	Max Drum Width				
MTA1000	1000 mid layer	220 ft	220 ft	0.25 in	90 psi	60 cfm	30 - 50 fpm
MTA2000	2000 mid layer	240 ft	580 ft	0.375 in	90 psi	140 cfm	40 - 66 fpm
TA2 Series	4700 top layer	850 ft	1270 ft	0.50 in	90 psi	250 cfm	30 - 46 fpm
TA2H Series	2400 top layer	850 ft	1270 ft	0.50 in	90 psi	250 cfm	61 - 94 fpm
TA2.5 Series	5000 top layer	580 ft	860 ft	0.63 in	90 psi	600 cfm	79 - 114 fpm
TA5 Series	11,500 top layer	246 ft	1520 ft	0.75 in	90 psi	550 cfm	30 - 47 fpm
TA7 Series	15,900 top layer	350 ft	1730 ft	0.88 in	90 psi	550 cfm	19 - 29 fpm
TA10 Series	37,000 top layer	1390 ft	2780 ft	1.125 in	90 psi	900 cfm	20 - 34 fpm

Maintenance & General Utility Heavy Duty Thern Air

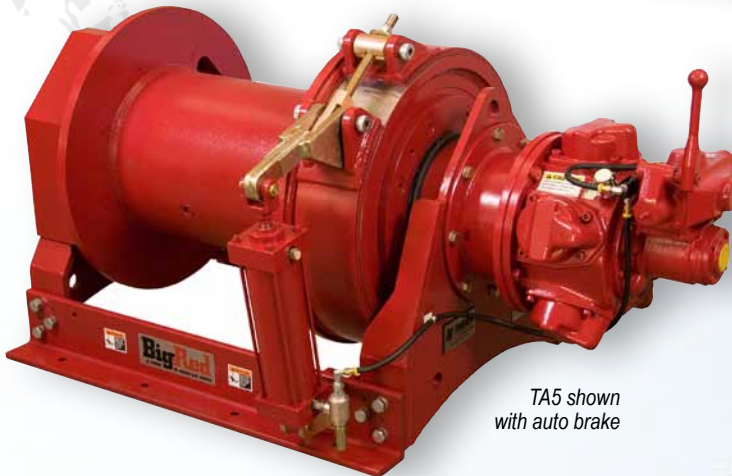


MTA
Mini Tugger

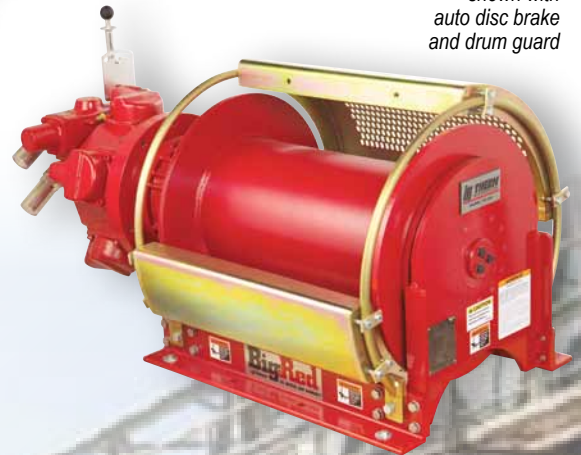


TA2

TA2.5
shown with
auto disc brake
and drum guard



TA5 shown
with auto brake



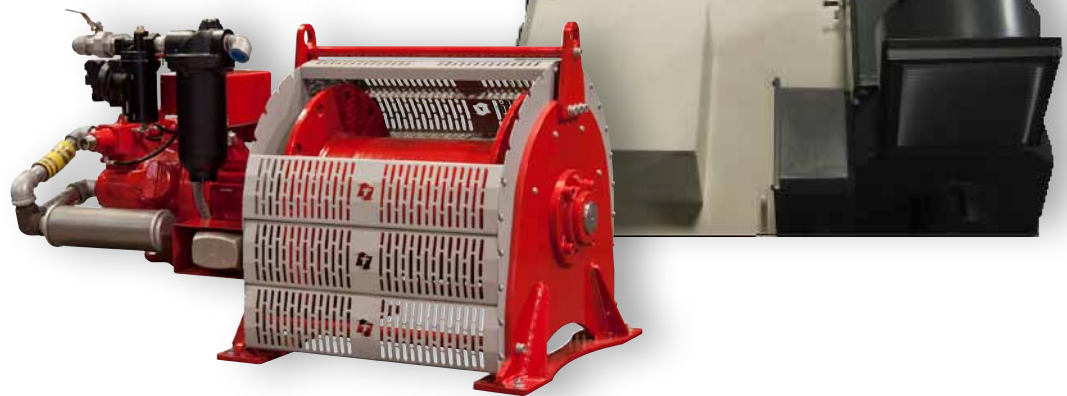
From
1/2 Ton
to
10 Ton
capabilities

See insert
for Air Tugger
performance statistics.

BigRed

a reputation of
Excellence

With over 65 years of varied experience and continuous research, development and testing, Thern winches and cranes have established a worldwide reputation for toughness, versatility and reliability. Today, Thern continues its tradition of excellence by providing standard and customized load handling equipment to leading companies all around the world. The company offers lifting and pulling solutions to a variety of industries including: aerospace, bulk material handling, construction, manufacturing, oil and gas, and water/wastewater.



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Dealer Information

