WTC MACHINERY Engineered to perform. Built to last.

WTC Machinery is a global leader in designing and building machinery and tooling for heavy equipment repair facilities.

Pad Lifting Devices

Overview

WTC's Pad Lifting Devices and Pad Change Stations lift and hold the track shoes. This eliminates handling during pin and bushing turns, and makes pad changeovers faster and easier.

Pad Lifting Devices are available for all of WTC Machinery's Track Press models, while the Pad Change Stations are free-standing machines with dedicated winches and self contained hydraulic power supplies.

Model/Specifications:

Model	Length	Total Chain Weight	Total Shoe Weight
PLD30	30 Ft (9,1m m)	20,000 lbs (9090 kg)	12,000 lbs (54500 kg)
PLD40	40 Ft (12,2 m)	26,000 lbs (11820 kg)	15,000 lbs (6820 kg)
PLD50	50 Ft (15,2 m)	31,000 lbs (14090 kg)	18,000 lbs (8180 kg)

Pad change lines can be added to most conveyor systems manufactured by WTC Machinery, Trackmaster, Wolf, Centurion or Mattson. Contact us directly to see if your existing conveyor could accomodate adding a pad lifter.

For more information, or to request a quote: online: www.wtcmachinery.com • email: sales@wtcmachinery.com
phone: 800-248-8405 (U.S.) • 262-567-3993 (Intl.)

SECTION 2 - SPECIFICATIONS

DIMENSIONS

Weight …….. 5160 lbs (2345 kg)
Width (Depth)……... 27 inches (0,7 m)
Length……. 559 inches (14,0 m)
Height .....……..... 45 inches (1,2 m)

CAPACITY

Pad Lift Capacity … 10,000 lbs (4550 kg)
Pad Lift Length……. 40 feet (12,2 m)
Maximum Chain Weight ….. 15,000 lbs (6820 kg)

Winch Capacity ……12,000 lbs (5450 kg)
Winch Speed ……24-36 ft/min (7,3-11,0 m/min)

HYDRAULIC PUMP UNIT

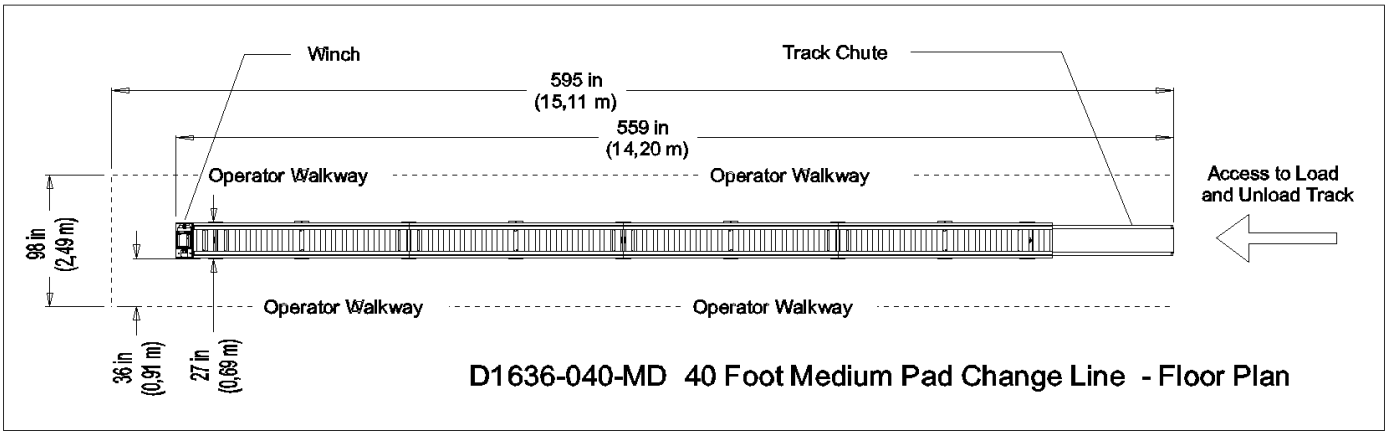
Pump -
Flow @ 60 Hz - 7.6 gpm (28,7 lpm)
Flow @ 50 Hz - 6.3 gpm (23,9 lpm)
Pressure - 2000 psi (138 bar) max.

Reservoir -
Capacity - 14 US gallons (53 l)

Electric Motor -
10 Hp (7,5 kW) 3 Phase electric.
Standard Voltages:

50 Hz (1500 rpm)	60 Hz (1800 rpm)
415V / 16A	575V / 13A
380V / 16A	460V / 14A
220V / 30A	230V / 27A
	208V / 29A

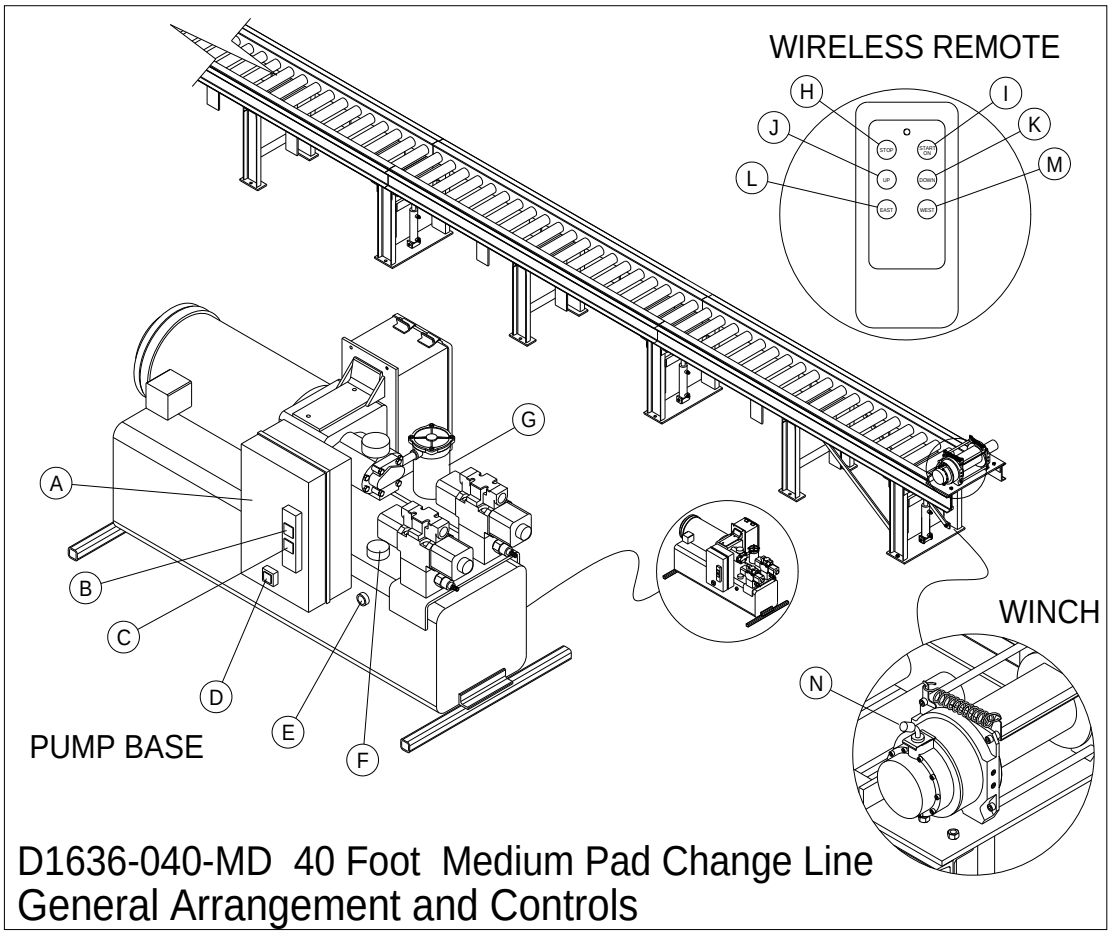
Other voltages available



D1636-040-MD 40 Foot Medium Pad Change Line - Floor Plan

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

CONTROL IDENTIFICATION



PUMP BASE

A) **Motor Starter** – Connection point for three-phase electrical supply
B) **START** - Starts the Pump Base Motor
C) **STOP** - Stops the Pump Base Motor
D) **RESET** – Resets the Motor Starter overloads after an over-current trip
E) **Sight Gauge** - Shows the level of hydraulic fluid in the Pump Base reservoir
F) **Oil Fill** – Used to add hydraulic fluid to the reservoir
G) **Oil Filter** - Return Filter for hydraulic fluid

WIRELESS REMOTE CONTROL

H) **START** – Enables the Wireless Remote Control
I) **STOP** – Disables the Wireless Remote Control
J) **UP** – Raises the Lift Bars and track pads (or shoes)
K) **DOWN** - Retracts the Lift Cylinder, lowering the track pads (or shoes)
L) **EAST** - Runs the Winch, paying out the Winch Cable
M) **WEST** - Runs the Winch, pulling in the Winch Cable, and the track chain

WINCH

N) **Winch Engage Handle** – Engages and disengages the winch cable from power.