WTC305SF Track Press Specifications

COMPONENT DIMENSIONS

	Weight	Width	Height	Length
Track Press	14000 lbs (6360 kg)	82 in (2,1 m)	110 in (2,8 m)	45 in (1,2 m)
Indexer	1800 lbs (820 kg)	28 in (0,7 m)	36 in (0,9 m)	130 in (3,3 m)
Hydraulic Pump Unit	2000 lbs (910 kg)	44 in (1,1 m)	40 in (1,1 m)	62 in (1,6 m)
Conveyor System (40 Feet)	2700 lbs (1230 kg)	27 in (0,7 m)	36 in (0,9 m)	550 in (14,0 m)
(50 Foot)	3200 lbs (1450 kg)	27 in (0,7 m)	36 in (0,9 m)	670 in (17,0 m)
Pad Lift (Optional) (40 Foot)	1500 lbs (680 kg)	See 40 Foot Conveyor System		
(50 Foot)	1800 lbs (820 kg)	See 50 Foot Conveyor System		

Operating Temperature Range ….. 50° to 100° F (10° to 37° C)

RAMS

Capacity … 305 tons (280 t), each ram
Travel ……. 11 inches (279 mm)
Ram Diameter: 9.0 inches (229 mm)
Piston Diameter: 14 inches (356 mm)

	Speeds - 50 Cycle	60 Cycle
Approach	70 IPM (1,8 m/min)	83 IPM (2,1 m/min)
Pressing	18 IPM (0,4 m/min)	21 IPM (0,5 m/min)
Return	70 IPM (1,8 m/min)	83 IPM (2,1 m/min)

SADDLES AND CONTACT TOOLING

The WTC305SF Track Press accepts most current models of track saddles and contact tooling.

HYDRAULIC PUMP UNIT

Pumps -
High Pressure Pump 10.5 gpm (39,7 lpm)
4000 psi (275 bar) max.
Low Pressure Pump 22.0 gpm (83,2 lpm)
1500 psi (103 bar) max.

Reservoir -
Total - 100 US gallons (380 l)
Usable - 80 US gallons (300 l)

Electric Motor -
30 Hp (22.5 kW) 3 Phase electric.
Standard Voltages:

50 Hz (1500 rpm)	60 Hz (1800 rpm)
440V/37A,	460V/35A
380V/42A	230V/70A
220V/73A	208V/80A

Other voltages available

POWER WINCH

Hydraulically operated power winch has a 12,000 pound (5450 kg) pulling capacity.

INDEXER

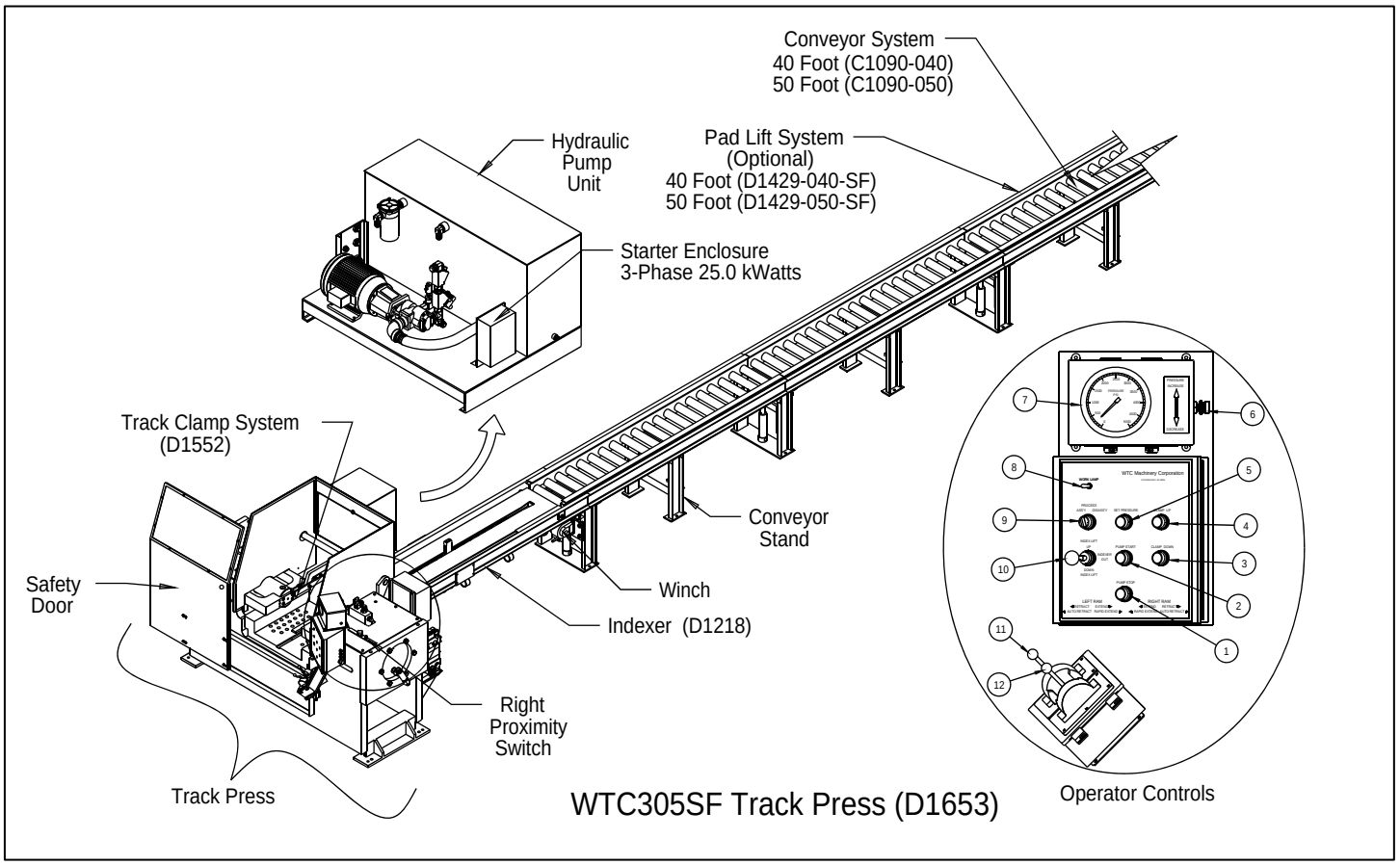
Hydraulically operated Indexer moves track in and out of work area.

GRAVITY CONVEYORS AND STANDS

Heavy Duty Conveyors - Hold 40 feet (12,2 m) **(C1091-040)** or 50 feet (15,2 m) **(C1091-050)** of track chain on heavy-duty roller conveyor sections.

Optional Pad Lifting Devices - Available in 40 feet (12,2 m) **(D1429-040-SF)** or 50 feet (15,2 m) **(D1429-050-SF)** models. Lift track shoes above the track chain to reduce handling and labor time.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



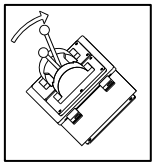
Operator Controls

1) PUMP STOP - Stops the electric motor and disables all controls except the work lamp.
2) PUMP START - Starts the electric motor and enables all other controls.
3) CLAMP DOWN (optional) - Lowers the track clamp.
4) CLAMP UP (optional) - Raises the track clamp.
5) SET PRESSURE - Used with the Pressure Control (below), sets the ram force without moving the rams.
6) PRESSURE CONTROL - Changes the ram force.
7) PRESSURE GAUGE - Shows the system pressure, which equates to the ram force.
8) WORKLAMP - Lights the work lamp.
9) ASSY/DISASSY - Selects track assembly or track disassembly. To protect the operator from flying debris, the Safety Door MUST be closed when disassembling track above 80 tons (72 t) of Ram force.
10) INDEX TABLE CONTROL -
    INDEX LIFT UP - Pushing up on the control handle raises the Indexer Table.
    Both rams must be retracted to raise the power conveyor.
    INDEX LIFT DOWN - Pushing down on the control handle lowers the Indexer Table.
    INDEX OUT - Pushing left on the control handle moves the track chain away from the track press.
    INDEX IN - Pushing right on the control handle moves the track chain towards the track press.

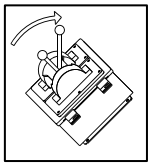
Operator Controls (Continued)

CAUTION:
BOTH RAMS CONTAIN PINCH POINTS WHICH CAN CAUSE SERIOUS INJURY. ALWAYS MAKE SURE PEOPLE AND OBJECTS ARE CLEAR BEFORE MOVING THE RAMS.

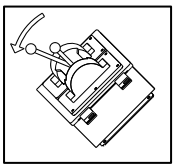
11) LEFT RAM CONTROL



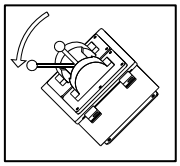
EXTEND - Moving the control handle partially to the right extends the left ram slowly, with whatever force has been set with the Pressure Control (above).



RAPID EXTEND - Moving the control handle fully right extends the left ram rapidly, but with limited force.

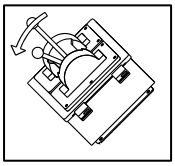


RETRACT - Moving the control handle partially to the left retracts the left ram until the left proximity switch (below) is tripped.

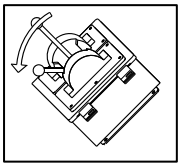


AUTO RETRACT - Moving the control handle fully left retracts automatically the left ram. The ram retracts until the left proximity switch is tripped, even if the control handle is released.

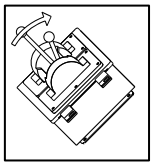
12) RIGHT RAM CONTROL



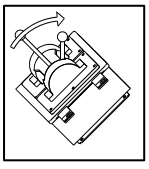
EXTEND - Moving the control handle partially to the left extends the right ram slowly, with whatever force has been set with the Pressure Control (above).



RAPID EXTEND - Moving the control handle fully left extends the right ram rapidly, but with limited force.



RETRACT - Moving the control handle partially to the right retracts the right ram until the right proximity switch (below) is tripped.



AUTO RETRACT - Moving the control handle fully right automatically retracts the right ram. The ram continues retracting until the right proximity switch is tripped.