



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.

WTC-385 Track Press

Boost productivity with the industry's fastest cycle times.

The WTC-385 Track Press has the high force and rock-solid components needed to work the largest bulldozer and excavator tracks day after day. It can produce the fastest cycle times in the industry, thanks to high flow technology that comes standard on every unit.

New Joystick Controllers

The ram force and speed of the WTC-385 are infinitely variable in forward and reverse. This makes the system highly efficient, since the pump only operates in full output mode when necessary, reducing energy usage and heat build-up. The ram is operated with a pair of joysticks, a new feature that provides more control and accuracy than standard manual valves.

The WTC-385 includes a wireless remote control that gives the operator the freedom to move around the unit and inspect it while various operations are being performed. For instance, the operator can walk along the chain as it's being loaded, or can visually confirm that the pads are lifting properly.

High-Mount Winch

The narrow frame and spacious working area of the WTC-385 help reduce operator fatigue, putting heavy track parts within easy reach. It includes an indexing table and a 50-foot (15.2 meter) conveyor system to support and position the heaviest track chain. It also includes a high-force, high-mount winch that gives the operator a good view of the cable while extending or retracting it.

A hydraulic hold-down clamp keeps the track chain in position, prolonging tool life and minimizing track damage. Tapered locks and hold-down bolts secure the jaws. Jaw adapters are available. An optional shoe lifting system eliminates the time and effort of handling track shoes.



Smart Safety Features

A door-mounted safety switch limits the system's pressing capabilities to reduce the possibility of injury. The new control console design uses low pressure, which protects the operator from possible leaks or breaks, and the large main cylinders also use low pressure for safe, economical, low-maintenance operation.

The WTC-385 accepts all popular models of tooling, including the 91-Series tooling and C-Style tooling available from WTC Machinery. It features tool mounts that precisely adjust in all directions, making tooling changes fast and simple, and adjustable bronze ways maintain tooling alignment under maximum working loads.

WTC385 Track Press Specifications

COMPONENT DIMENSIONS

	Weight	Width	Height	Length
Track Press	14700 lbs (6680 kg)	82 in (2,1 m)	110 in (2,8 m)	45 in (1,2 m)
Control Console	850 lbs (386 kg)	39 in (1,0 m)	44 in (1,1 m)	69 in (1.8 m)
Index Table	1800 lbs (820 kg)	28 in (0,7 m)	36 in (0,9 m)	130 in (3,3 m)
Hydraulic Pump Unit (Dry)	2000 lbs (910 kg)	44 in (1,1 m)	40 in (1,1 m)	62 in (1,6 m)
Conveyor System (50 Foot)	3200 lbs (1450 kg)	27 in (0,7 m)	36 in (0,9 m)	670 in (17,0 m)
Optional Pad Lift (50 Foot)	1800 lbs (820 kg)	See 50 Foot Conveyor System		

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

RAMS

Capacity ... 385 tons (350 t), each ram	Speeds -	
Travel 11 inches (279 mm)	<u>50 Cycle</u>	<u>60 Cycle</u>
Ram Diameter: 10.0 inches (254 mm)	Approach 170 IPM (4,3 m/min)	188 IPM (4,7 m/min)
Piston Diameter: 14 inches (356 mm)	Pressing 18 IPM (0,4 m/min)	21 IPM (0,5 m/min)
	Return 170 IPM (4,3 m/min)	188 IPM (4,7 m/min)

SADDLES AND CONTACT TOOLING

The WTC385 Track Press accepts most current models of track saddles and contact tooling.

Please consult the "C"-Style Tool Catalog and the 91-Series Tool Catalog (available from WTC Machinery) for details on part numbers and proper use of tooling.

HYDRAULIC PUMP UNIT

Pumps -	Electric Motors -
Main Pump 74.5 gpm (282 lpm) 5000 psi (345 bar) max.	40 Hp (30,0 kW) and 1/2 Hp (0,43 kW) 3 Phase electric
Charge System Pump 0.5 gpm (2,0 lpm) 300 psi (21 bar) max.	Standard Voltages:
Reservoir -	<u>50 Hz (1500 rpm)</u> <u>60 Hz (1800 rpm)</u>
Total - 100 US gallons (380 l)	415V/62A, 460V/55A
Usable - 80 US gallons (300 l)	380V/55A 230V/110A
	220V/114A 208V/125A
	Other voltages available

WINCH

Hydraulically powered winch loads the track chain onto the Conveyor System, with a 12,000 pound (5450 kg) pulling capacity.

INDEXER

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

CONVEYOR SYSTEM AND OPTIONAL PAD LIFT SYSTEM

Conveyor System (C1091-050) - Holds 50 feet (15,2 m) of track chain on heavy-duty roller conveyor sections.

Optional Pad Lifting Device (D1429-050-SF) - Matched to the 50 foot (15,2 m) Conveyor System
Lifts and holds track pads off of the track chain, to reduce handling and labor time.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE