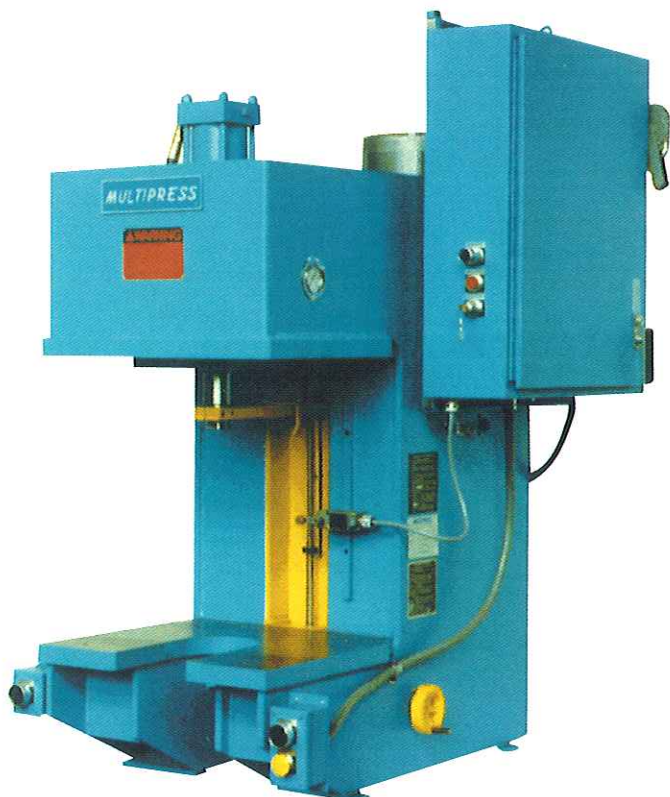


MULTIPRESS® HYDRAULIC PRESSES—SERIES WR & WT

4, 8, 12 Ton Capacities



MULTIPRESS WR AND WT SERIES MODEL SPECIFICATIONS

Important specifications for each model of the WR and WT series presses are given in the chart below. A complete press model number reads as per the following example: W4R45L (W4R indicating frame, 4 indicating 4 ton capacity, 5 indicating motor horsepower, and L indicating cycle duty).

Standard Features

- Exclusive handwheel inching
- Dual pushbuttons - pressure reversal
- Pressure regen (fast approach until work is contacted)
- Printed circuit board
- NEMA-12 enclosure – non-fused disconnect
- Standard NFPA cylinder
- Quality control lower limit switch (allows operator to release buttons and work will be completed)
- Distance reversal
- Vane pump mounted out of the oil for ease of service
- Selector switch for inch/run
- Open motor
- 230/460 volts, 3 phase, 60 Hz

Optional Features and Accessories

- Mounting bench
- Programmable Logic Controller
- Oil-to-water cooling coils
- Air-to-oil cooler
- Higher or lower speeds
- Special dimensions – daylight, stroke, throat
- Index tables
- Light curtains or other guards
- Special position or force controls
- Positive cylinder stop assembly
- Ergonomic palm buttons
- Fused disconnect
- U-slot or thru hole in bed
- TEFC motor

A number following the letter W indicates the design configuration. Ram speeds, pump, cylinder dimensions and maximum operating pressure appear opposite each model designation. Ram speeds shown can vary by 10%.

PRESS MODEL	MAX TONS	MOTOR HP	CYCLE DUTY	RAM SPEEDS				PUMP **GPM	CYLINDER		MAX PRESSURE PSI
				IPM @ 1725 RPM-60 HZ					BORE	RAM	
				*CLOSING DIFF'L	STD	PRESSING	RETURN				
W4R45L W4R47M W4R47H	4	5	Light	530	255	232	510	5.82 9.41 5.82	2.5	1.75	1630
7.5		Medium	775	412	376	826					
Heavy		530	255	232	510						
W4R85L W4R87M W4R80H	8	5	Light	406	150	137	248	5.82 9.41 11.87	3.25	2	1930
7.5		Medium	595	244	222	401					
10		Heavy	***	308	280	505					
W4T127L W4T120M W4T120H	12	7.5	Light	380	160	147	269	9.41 11.87 9.41	4	2.5	1910
10		Medium	***	202	185	340					
Heavy		380	160	147	269						

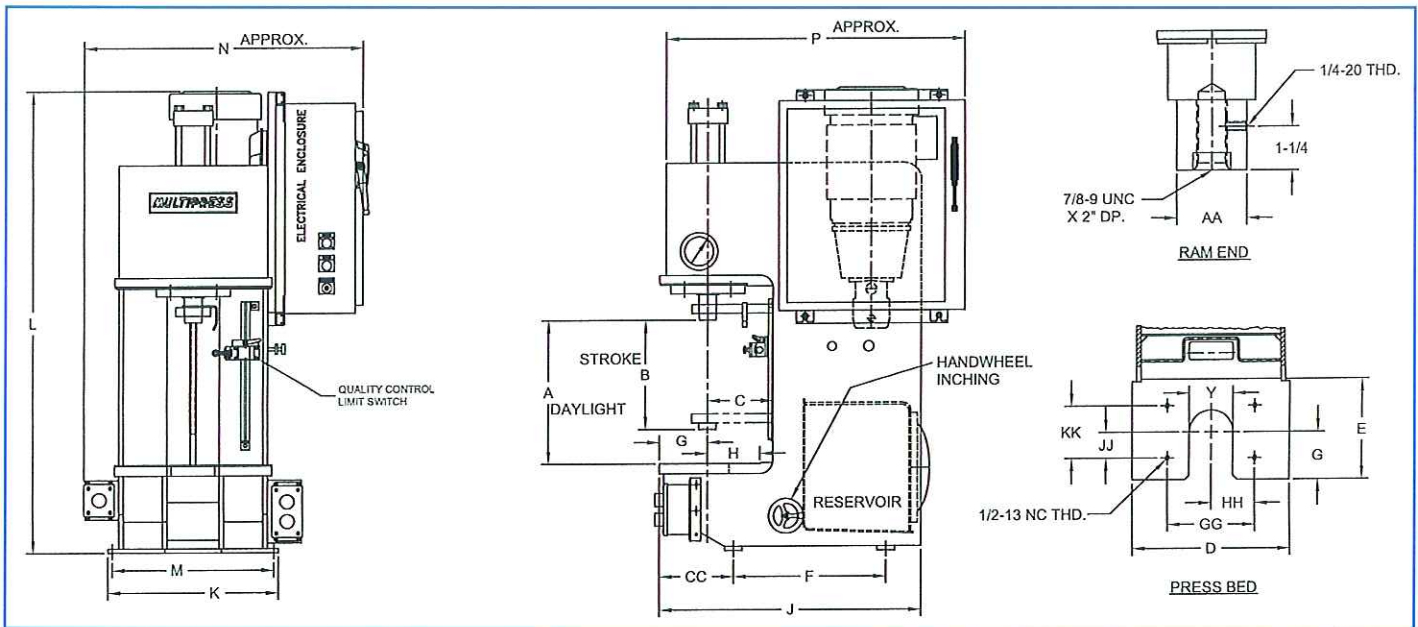
Oil cooler required on presses using 9 GPM or higher pumps.

* Closing speeds are listed for differential valves (C464, C469) and standard valves (C404 and C409).

** Pump delivery (GPM) – theoretical @ 1800 RPM.

*** Presses using 11 GPM or higher pumps are not available with differential approach speed circuits (C464 and C469 valves).

SERIES WR AND WT PRESS DIMENSIONS



Model	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Y	AA*	BB	CC	GG	HH	JJ	KK
WR	16.5	12.5	7.5	18	11.5	17.5	5.5	6	30	19.5	53	18.5	31.75	35.06	5	1.94	10	8.5	10	5	3	6
WT	18	12	10.5	23	19	24	9	10	41.5	24.5	58.75	23.5	36.62	42.06	7	2	12	12.5	16	8	7	14

* +.001, -.002

ACCESSORIES

Index Table Presses

Index tables are an important option furnished with numerous Multipresses over the years. Multipress offers its own heavy duty index table with double geneva drive. It's fast, accurate, and operates with heavy tooling and parts weight. Many commercially available 2, 4, 6, 8, 12, and 24 station indexers have also been installed. The proper indexer for your application is available.

Mounting Bench

Dimensions:

WR 24" L-R x 23" F-B x 22" H
WT 29" L-R x 30" F-B x 20" H

Standard bed to floor distance with above benches is 36". Lower benches should be used with index table press.

Considerations in Selection of Light, Medium or Heavy Duty Presses

TYPE OF SERVICE	LIGHT DUTY	MEDIUM DUTY	HEAVY DUTY
Electric controlled C404 or C409 with or without index table (dwell under pressure reversal only)	Yes	Yes	Yes
Electric controlled C404 or C409 with dwell up to 10 seconds	No	Yes	Yes
Electric controlled C404 or C409 with dwell beyond 10 seconds	No	No	Yes

Control Valves

C404 - Electric. Basic electric press valve features single cycle and pressure or distance reversal of press ram. Ram will reverse automatically upon attaining preset pressure on the work or against stroke length control.

C409 - Electric. Automatic cycling identical to C404 except that it has interlock capability and can be used with an accessory.

C464 - Electric*. Same as C404 valve except it incorporates differential approach speed circuit. This feature increases approach speed of ram more than 100% with the models listed. Pressing and return speeds remain as standard. **Not** for distance reversal or punch through applications.

C469 - Electric*. Automatic cycling identical to C409 valve except it incorporates a differential approach speed circuit. This feature increases approach speed of ram more than 100% with models listed. Pressing and return speeds remain as standard. This valve has interlock capability and can be used with an accessory. **Not** for distance reversal or punch through applications.

* Not available with 11 GPM or larger pumps.

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