

PRODUCT BULLETIN



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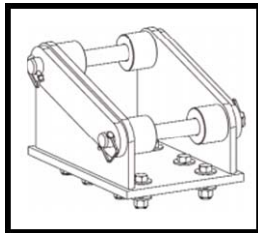


TC92V Hydraulic Compactor

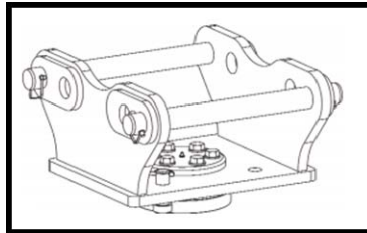
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FEATURES and BENEFITS

- High Performance, Low Maintenance: The hydraulic motor is sized for high flow and low pressure to match the auxiliary hydraulic circuit of back hoes and mini excavators, reducing heat generation. Standard flow control valve protects the rotating group from over-speeding, ensuring optimum operating speeds by returning excess flow to the tank.
- High amplitude, high frequency operation and high ground pressure are standard to achieve maximum proctor densities and high lifts.
- Internal anti-cavitation valves permit the hydraulic motor to slow down safely after shutting off the control valve, eliminating shock loading to the rotating group.
- Maintenance free, oil bath lubrication ensures continuous bearing lubrication and eliminates the need for manual greasing.
- Oversized rubber isolators reduce vibration in the upper structure, delivering maximum energy through the base plate and into the soil, providing excellent proctor densities.
- Utilizing "Vector" Technology, Rubber isolators are mounted on compound angles allowing the isolators to better resist the down force produced by the carrier as well as the push / pull force of the carrier when compacting large areas.
- Mounting brackets are available in both fixed and swivel, with dedicated OEM pin centers to meet most interface requirements. Various quick coupler models are also available. Controlled compaction is achieved by locking the swivel mount in different positions of 45 degree increments. By removing the pin, the compactor can "free float".

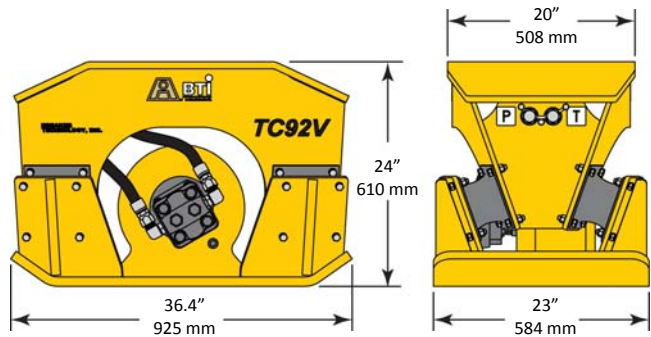


Non-Swivel



Swivel

SPECIFICATIONS



Specifications		TC92V
Recommended Carrier Weight	lbs	7,700-25,300
	kg	3,500-11,500
Operating Weight (1)	lbs	1,150
	kg	525
Impulse Force	lbs	5,500-8,200
	kg	2,500-3,725
Ground Pressure	psi	9.2-13.7
	bar	0.63-0.94
Oil Flow Range (2)	gpm	21-34
	lpm	78-98.4
RPM Range		1,800-2,200
Maximum Relief Valve Setting	psi	3,625
	bar	250

(1) Approximate weight may differ due to mounting configurations.

(2) Regulated flow is 25 gpm (95 lpm) . Adjust carrier flow as closely as possible to this value to reduce the potential for hydraulic system over-heating.

All dimensions and specifications are approximate and subject to change without notice.

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REPLACEMENT PARTS COMPARISON CHART

Replacement Part	Part Number (Qty.)	
	TC92 (old model)	TC92V (new model)
Hydraulic Motor	1009833 (1)	1017474 (1)
Hydraulic Motor Seal Kit	370-0110 (1)	1018110 (1)
Hydraulic Motor Mount Seal	1801983 (1)	1801983 (1)
Bearing	1001531 (2)	1001531 (2)
Bearing Housing Seal	1801982 (2)	1017462 (1)
Rubber Isolator	650-8659 (2)	1008925 (4)

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