COMPACTORS

Plug and Go
Offers quick and easy installation

Less Stress with More Compaction
Large rubber isolators prevent vibration in the upper structure, delivering maximum energy through the base plate and into the soil for excellent proctor densities

Minimal Oil
The hydraulic motor is sized for high flow and low pressure to match the auxiliary hydraulic circuit of backhoes 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

Right Size and Fit
High or low flow hydraulic motors allow for a broad range of carrier match ups on select models

Vector Technology
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

Low Maintenance
Our standard oil bath lubrication ensures continuous bearing lubrication, eliminating manual greasing

Slim Design
Select models offer a slim design that allows for access to narrow trenches

Bracket Options
Flange type mounting brackets are standard. Dedicated OEM pin center, multiple OEM pin center and quick coupler configurations are available

Flexible Against Edges
Optional swivel top mounts are available on select models. 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"

Physical/Operating Characteristics

		Model								
Dimension	Specification	TC51L	TC51H	TC71	TC92VL	TC92VH	TC152VL	TC152VH	TC302VL	TC302VH
Operating Weight	lb	295		610	1,150		1,565		2,045	
	kg	135		275	520		710		925	
Impulse Force	lb	1,930 - 3,000		2,600 - 5,000	5,500 - 8,200		11,130 - 16.630		16,330 - 24,400	
	kg	875 - 1,360		1,170 - 2,270	2,495 - 3,720		5,050 - 7,540		7,405 - 11,065	
Typical Lift	ft	1 - 2		2-3	2 - 4		3 - 5		4 - 6	
	m	0.3 - 0.6		0.6 - 0.9	0.6 - 1.2		0.9 - 1.5		1.2 - 1.8	
Typical Production	yd^3/hr	14 - 22		18 - 27	25 - 35		70 - 80		140 - 160	
	m^3/hr	11 - 17		14 - 21	19 - 27		54 - 61		107 - 122	
Ground Pressure	psi	7 - 10.9		7 - 13.6	9.2 - 13.7		11.2 - 16.7		13.4 - 20	
	bar	.048 - 0.75		0.48 - 0.94	0.63 - 0.94		0.77 - 1.15		0.92 - 1.38	
Speed	rpm	1,800 - 2,240		1,800 - 2,500	1,800 - 2,200		1,800 - 2,200		1,800 - 2,200	
Regulated Flow Control Setting	gpm	12	18	22	15	25	33	46	46	65
	lpm	45	68	83	56	95	124	173	173	246
Recommended Flow Range*	gpm	7 - 16	11 - 24	12 - 28	12 - 21	23 - 33	26- 43	37 - 58	37 - 58	53 - 50
	lpm	26 - 60	42 - 90	45 - 105	45 - 80	75 - 33	100 - 160	140 - 220	140 - 220	200 - 302
Maximum Relief Valve Setting	psi	2,500			3,625					
	bar	195			250					
Carrier Range	lb	2,00 - 10,000		7,700 - 19,000	17,000 - 26,000		24,000 - 55,000		33,000 - 77,000	
	tonne	.09 - 4.5		3.5 - 9.0	8 - 12		11 - 25		15 - 35	

**Actual pump flows above the regulated flow control setting will cause heat generation within the hydraulic circuit*
Regulated flow control valve standard on all models
Maximum continuous return line pressure 245 psi (17bar) at a constant operating speed
Maximum intermittent return line pressure 490 psi (34bar) during acceleration and braking

Note: Consult factory for exact dimensions, specifications are subject to change without notice.