

# SCARLETT STATIC COMPACTOR 120

UNBEATABLE QUALITY  
& PERFORMANCE

- ▶ ROBUST CONSTRUCTION
- ▶ SIMPLE TO OPERATE
- ▶ ENERGY EFFICIENT TECHNOLOGY



Over 20 years of proven design and technology in  
waste compaction systems

Deal direct with the manufacturer



**B.J. Scarlett Ltd**

WASTE HANDLING ENGINEERS

[www.scarlett.co.nz](http://www.scarlett.co.nz)

# Scarlett Solid Waste Compactor 120

## SPECIFICATIONS

Packet Plate Face	1500mm x 750mm = 1.13m <sup>2</sup>
Effective Displacement	1.48 m <sup>3</sup> /stroke
Volume per Hour at Low Pressure	83.25m <sup>3</sup> /hour minimum
Cycle Time	64 Seconds low pressure
Compaction ratio	4 to 1 on most refuse
Ram Force Adjustable to a maximum of	46,100kg @ 3600psi
Cylinder Stroke	2.143m
Cylinder Bore Diameter	6" - 152mm
Cylinder Shaft Diameter	4" - 102mm
Chamber Length	1300mm
Ram Penetration	700mm

## HYDRAULIC POWER PACK

30 KW Electric Motor	1440 rpm
460 Litre Oil Reservoir	BP HLPZ 46
Vickers Proportional Control Valve	CMX 160 24 Volt
Vickers Horse Power & Load Sense Controlled Piston Pump	PVH 98
Hydraulic Pressure - Max.	248 Bar (3600psi)
- Auto Cycle	206 Bar (3000psi)

## ELECTRICAL

Telemecanique Programmable Controller	TS X 170 2028
Telemecanique Proximity Switches	IP65 Rated
Push Buttons	IP65 Rated
Enclosures	IP65 Rated
Star Delta Starter	
Power Factor Correction	
Hour meter	
Cycle counter	

## ELECTRICAL REQUIREMENTS

415 Volt 3 Phase with earth and one neutral  
Warning - Check with your local electricity supplier to see if a soft start is needed on motors.