

# Specifications

## Vibratory system

CT 40      CT 45

Drum type.....	smooth	padfoot
Number of pads.....	—	63
Centrifugal force.....	kN(lbf) 55.8 (12500)	55.8 (12500)
Frequency.....	Hz(rpm) 56 (3360)	56 (3360)
Amplitude.....	mm(in) 1.0 (0.04)	1.0 (0.04)

## Engine

Type.....	4-cylinder	6-cylinder diesel V (1000)
Power - net continuous.....	kW(hp) 19.3 (26)	19.3 (26)
- gross intermittent.....	kW(hp) 24.5 (33)	24.5 (33)
Maximum speed.....	rpm 3000	3000
Coolant.....	water	water
Air Filter.....	dry cartridge	dry cartridge
Fuel tank capacity.....	l(gal) 28 (7.5)	23 (7.5)

## Transmission

Drive.....	hydrostatic	step drive
Speed.....	km/h(mph) 0-7.1 (0-4.4)	0-7.1 (0-4.4)
Maximum gradeability.....	36° (73%)	36° (73%)

## Brakes

Service.....	closed loop	hydrostatic
Parking.....	secondary	hydraulic brake

## Dimensions

A Length, overall.....	cm(in) 249 (98)	254 (100)
B Width, overall, no blade.....	cm(in) 110 (43)	110 (43)
B Width, overall, with blade.....	cm(in) 117 (46)	117 (46)
C Height, at R.O.P.S.....	cm(in) 222 (87)	222 (87)
D Drum width.....	cm(in) 101 (39)	101 (39)
E Drum diameter.....	cm(in) 66 (26)	66 (26)
F Clearance.....	cm(in) 23 (9.0)	23 (9.0)
Drum shell thickness.....	cm(in) 1.27 (0.5)	1.27 (0.5)
Pad height.....	cm(in) —	5 (2)
Turning radius, inside.....	cm(in) 211 (6'11")	211 (6'11")
Articulation angle.....	± 31°	± 31°
Oscillation angle.....	± 13°	± 11°
Operating weight.....	kg(lb) 1760 (3880)	1760 (3880)

Mass per metre :

Without Vib      With Vib  
742.6 kg/m      5525 kg/m

