

# HYPAC

## C778B

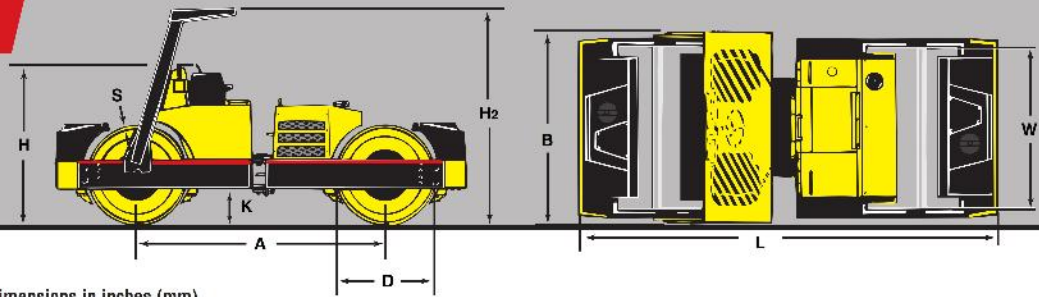
### 10 Ton Double Drum Vibratory Compactors



- *High productivity*
- *Dual hydrostatic drive*
- *Up to 3800 VPM in low amplitude*
- *Radial, pneumatic vibratory-drum isolators*
- *Asphalt mat temperature sensing system*

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Dimensions in inches (mm)	A	B	D	H	H2	K	L	S	W
C778B	120 (3048)	92.5 (2350)	48 (1219)	78 (1981)	105 (2667)	15 (381)	200 (5080)	0.70 (17.78)	78 (1981)

# Technical Data...

**HYPAC  
C778B**

### Weights

Shipping Weight with ROPS.....	lbs (kg)	21750	(9875)
Operating Weight with ROPS.....	lbs (kg)	23500	(10669)
Axle load, (front).....	lbs (kg)	12154	(5513)
Axle load, (rear).....	lbs (kg)	11345	(5146)
Average static linear load.....	pli (kg/cm)	151	68

### Dimensions

Working width.....	in (mm)	78	(1981)
Track Radius, inner.....	in (mm)	150	(3810)
Dimensions.....		see sketch	

### Driving Characteristics (depending on site conditions)

Speed (1).....	mph (kmph)	0-5	(0-8.1)
Speed (2).....	mph (kmph)	0-10	(0-16.1)
Max. gradeability without/with vibration.....	%	40	

### Drive

Engine manufacturer.....		Cummins	
Type.....		4B3.9 QSB-C130	
Cooling.....		Water	
Number of cylinders.....		4	
Performance SAE J 1349.....	hp (kW)	130	(97)
Speed.....	rpm	2500	
Fuel.....		diesel	
Electric Equipment.....	V	12	
Drive System.....		hydrostatic	
Drum Driven.....		f+r	

### Brakes

Service brake.....		hydrostatic	
Parking brake.....		SAHR	

### Steering

Steering system.....		oscill., artic.	
Steering method.....		hydraulic	
Steering angle +/-.....	degrees	35	
Oscillating angle +/-.....	degrees	12	

### Vibratory system

Vibrating system.....		f, r, f+r	
Drive system.....		hydrostatic	
Frequency max. (low/high).....	vpm (Hz)	3400/3800	(57/63)
Amplitude (low/high).....	in (mm)	0.020/0.030	(0.508/0.762)
Centrifugal force (low/high).....	lbs (kN)	30368/37099	(135.0/164.9)

### Water Spray System

Type of system.....		Pressurized	
Back-up system.....		Pressurized	

### Capacities

Fuel.....	gal (l)	60	(227)
Cooling system.....	qts (l)	19	(18)
Engine.....	gal (l)	22	(83.3)
Tank (ea).....	gal (l)	150	(568)

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