



### TECHNICAL PARAMETERS

Name		Data
BASIC	Operating Weight	10000kg
	Weight Burden on Front Drum	5000 kg
	Weight Burden on Rear Wheel	5000 kg
	Min Ground Clearance(h)	440mm
	Wheelbase (L1)	3135mm
	Grade Ability	30%
	L×W1×H (mm)	5975×2260×3250
ENGINE	Manufacturer	YU CHAI
	Model	YC6B120-T20
	Displacement	6.871
	Fuel consumption	21L
	Rated Power	85 kW
	Rated Speed	2200 rpm
	Emissions Standard	Nation II
DRIVE TRAIN	Drive Type	Mechanical Drive
	Travel Speed Forward	1.9/3.3/9.1 km/h
	Travel Speed Reverse	1.9/3.3 km/h
	Tire Type	17.5-25 12PR
	Min.Turning Radius	6500 mm
	Steering Angle	30 °
	Swing Angle	10 °
VIBRATION SYSTEM	Width of Drum (W2)	2120 mm
	Diameter of Drum	1520 mm
	Rim Thickness of Drum	20 mm
	Static Linear Load	235N/cm
	Vibration Type	Open-loop Hydraulic
	Centrifugal Force	240/150 kN
	Vibration Frequency	28 Hz
BRAKE SYSTEM	Nominal Amplitude	1.8/0.9 mm
	Service Brake	Air Booster Caliper Rear Axle Brake
	Parking Brake	Shaft Controlling Brake of Gear Box
ELECTRIC	Voltage	24 V
	Capacity	120×2 Ah
SERVICE REFILL	Fuel Tank Capacity	240 L
	Hydraulic Tank Capacity	240 L

### CONFIGURATION

YU CHAI Engine
Mechanical Transmission
Jinda Dry-type Drive Axle
Open-loop Hydraulic Vibration System
ROPS/FOPS
Air Conditioner
Standard Steering System
Pressure Measuring Tie-in

### OPTIONAL

Coated Cams
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### PRODUCT FEATURES

Single frequency, dual amplitude, open-loop vibratory roller, PERMCO hydraulic components.
Steel drum made of high strength metal material with well wear resistance impress resistance.
Panoramic cab, angle-adjustable steering wheel, the design according to ergonomics.
Two brake systems containing hand brake and foot brake to make sure the safety of operator and machine.
Engine hood is opened backward through manual operation and oil cylinder booster , large space for repair and maintenance.
Equiped with A/C system as standard to make operating environment comfortable.

For more information on Lonking products,  
Please contact our local agent:

The following blank can be used for notes or comments.

Lonking 龙工

Code:10501004030

# CDM510B

## B SERIES SINGLE DRUM VIBRATORY ROLLERS

Efficiency Rules the Future



Product VR



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- RATED POWER: 85kW/2200rpm
- OPERATING WEIGHT: 10000kg
- STATIC LINEAR LOAD: 235N/cm
- DRUM / TIRE LOAD: 5000/5000kg