



#### **TECHNICAL PARAMETERS**

L×W1×H ( mm )   6118×2300×3077     Manufacturer			
Weight Burden on Drum		Name	Data
Weight Burden on Wheel   8500kg			
Min Ground Clearance(h)		Weight Burden on Drum	11500kg
Wheelbase (L1)   3186		Weight Burden on Wheel	8500kg
Grade Ability	BASIC	Min Ground Clearance(h)	422
L×W1×H ( mm )   6118×2300×3077		Wheelbase (L1)	3186
Manufacturer		Grade Ability	45%
Model		L×W1×H ( mm )	6118×2300×3077
Displacement   8.3L     Fuel consumption   28.3L     Fuel consumption   28.3L     Rated Power   160 kW     Rated Speed   2200 rpm     Emissions Standard   Nation II     Drive Type   Hydrostatic Drive     Travel Speed Forward   0-10.8 km/h     Travel Speed Reverse   0-10.8 km/h     Travel		Manufacturer	DF Cummins
Fuel consumption   28.3L		Model	6CTAA8.3-C215
Rated Power   160 kW		Displacement	8.3L
Rated Speed   2200 rpm		Fuel consumption	28.3L
Emissions Standard	ENGINE	Rated Power	160 kW
Drive Type		Rated Speed	2200 rpm
Travel Speed Forward		Emissions Standard	Nation II
Travel Speed Reverse		Drive Type	Hydrostatic Drive
Tire Type		Travel Speed Forward	0-10.8 km/h
TRAIN	DDI\/E	Travel Speed Reverse	0-10.8 km/h
Min. Turning Radius		Tire Type	23.1-26 12PR
Swing Angle	IRAIN	Min.Turning Radius	7000 mm
Width of Drum (W2)   2120 mm		Steering Angle	30 °
VIBRATION SYSTEM         Diameter of Drum         1532 mm           VIBRATION SYSTEM         Static Linear Load         542 N/cm           Vibration Type         Close-loop Hydraulic Vibration           Centrifugal Force         400/300 kN           Vibration Frequency         28/35 Hz           Nominal Amplitude         2.1 /1.0 mm           BRAKE SYSTEM         Service Brake         Hydraulic Lock Front and Rear Brake           Parking Brake         Oil Cut Front and Rear Wheel Brake           ELECTRIC         Voltage Capacity         24 V           SERVICE EREIL         Fuel Tank Capacity         280 L		Swing Angle	10 °
VIBRATION SYSTEM         Rim Thickness of Drum         46 mm           SYSTEM         Static Linear Load         542 N/cm           Vibration Type         Close-loop Hydraulic Vibration           Centrifugal Force         400/300 kN           Vibration Frequency         28/35 Hz           Nominal Amplitude         2.1 /1.0 mm           BRAKE SYSTEM         Service Brake         Hydraulic Lock Front and Rear Brake           SYSTEM         Oil Cut Front and Rear Wheel Brake           ELECTRIC         Voltage         24 V           Capacity         120×2 Ah           SERVICE DEFIT         Fuel Tank Capacity         280 L		Width of Drum (W2)	2120 mm
VIBRATION SYSTEM         Static Linear Load         542N/cm           Close-loop Hydraulic Vibration Type         Close-loop Hydraulic Vibration           Centrifugal Force         400/300 kN           Vibration Frequency         28/35 Hz           Nominal Amplitude         2.1 /1.0 mm           BRAKE         Service Brake         Hydraulic Lock Front and Rear Brake           SYSTEM         Parking Brake         Oil Cut Front and Rear Wheel Brake           ELECTRIC         Voltage         24 V           Capacity         120×2 Ah           SERVICE         Fuel Tank Capacity         280 L		Diameter of Drum	1532 mm
Vibration Type		Rim Thickness of Drum	46 mm
SYSTEM         Vibration Type         Close-loop Hydraulic Vibration Vibration           Centrifugal Force         400/300 kN           Vibration Frequency         28/35 Hz           Nominal Amplitude         2.1 /1.0 mm           BRAKE SYSTEM         Service Brake         Hydraulic Lock Front and Rear Brake           Parking Brake         Oil Cut Front and Rear Wheel Brake           ELECTRIC         Voltage         24 V           SERVICE DEBUT         Fuel Tank Capacity         280 L		Static Linear Load	542N/cm
Vibration   Vibration		Vibration Type	Close-loop Hydraulic
Vibration Frequency   28/35 Hz			Vibration
Nominal Amplitude   2.1 /1.0 mm		Centrifugal Force	400/300 kN
BRAKE SYSTEM         Service Brake         Hydraulic Lock Front and Rear Brake           Parking Brake         Oil Cut Front and Rear Wheel Brake           ELECTRIC         Voltage Capacity         24 V           SERVICE DEFILI         Fuel Tank Capacity         280 L		Vibration Frequency	28/35 Hz
BRAKE SYSTEM         Service Brake         and Rear Brake           Parking Brake         Oil Cut Front and Rear Wheel Brake           ELECTRIC         Voltage Capacity         24 V           SERVICE DEFIT         Fuel Tank Capacity         280 L		Nominal Amplitude	2.1 /1.0 mm
BRAKE SYSTEM         and Rear Brake           Parking Brake         Oil Cut Front and Rear Wheel Brake           ELECTRIC         Voltage Capacity         24 V           SERVICE DEFIT         Fuel Tank Capacity         280 L		Service Brake	Hydraulic Lock Front
Parking Brake   Rear Wheel Brake			and Rear Brake
Rear Wheel Brake		Parking Brake	Oil Cut Front and
ELECTRIC Capacity 120×2 Ah  SERVICE Fuel Tank Capacity 280 L			Rear Wheel Brake
Capacity 120×2 Ah  SERVICE Fuel Tank Capacity 280 L	ELECTRIC		24 V
I DECILI			120×2 Ah
CAPACITY Hydraulic Tank Capacity 90 L	REFILL		280 L
		Hydraulic Tank Capacity	90 L

#### CONFIGURATION

DF Cummins Engine
Rexroth Hydraulic System
Hydrostatic Drive
Close-loop Hydraulic Vibration System
ROPS/FOPS
Air Conditioner
Standard Steering System

#### **OPTIONAL**

Coated Cams	Cold Start
	Coated Cams
Pressure Measuring Tie-in	Pressure Measuring Tie-in

#### **PRODUCT FEATURES**

DCEC Cummins supercharged diesel engine with large coefficient of reserve power and lower oil consumption.

Front and rear wheel driving hydraulic system with four-speed CVT and strong gradeability.

Close-loop hydraulic system with variable frenquency and amplitude, optimization of linear load and exciting force .

Vibratory steel drum made of high-strength material with well wear resistance and impress resistance.

Brake system on front and rear wheels with oil cut-off device, making sure the safety of machine and operator.

Equiped with A/C system as standard to make operating environment comfortable.

Equiped with cam as optional, to be multipurpose.

The following blank can be used for notes or comments.

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

## LONKING ZEI

### CDM520D

# D SERIES SINGLE DRUM VIBRATORY ROLLERS

**Efficiency Rules the Future** 



RATED POWER: 160kW/2200rpm

OPERATING WEIGHT: 20000kg

**■ STATIC LINEAR LOAD:** 542N/cm

DRUM / TIRE LOAD: 11500/8500kg