



Engine	Cummins QSB3.9
Rated Power	81 kW (109 hp / 110 ps) @ 2,200 rpm
Nominal Amplitude Range	0.8 / 0.4 mm
Vibration Frequency Range	45 / 50 Hz
Centrifugal Force Range	120 / 69 kN
Working Width	1,750 mm
Operating Weight	10,300 kg

6210E ROLLER

6210E SPECIFICATIONS >>>

ENGINE

Emission Regulation	Tier 3 / Stage III
Make	Cummins
Model	QSB3.9
Rated Power	81 kW (109 hp / 110 ps) @ 2,200 rpm
Peak Torque	480 N·m
Number of Cylinders	4
Aspiration	Turbocharged
Cooling Type	Water

ELECTRICAL SYSTEM

System Voltage	24 V
----------------	------

DRIVE TRAIN

Theoretical Gradeability	40%
Transmission Type	Hydrostatic
1st Max. Travel Speed, Fwd	6 km/h
2nd Max. Travel Speed, Fwd	8 km/h
3rd Max. Travel Speed, Fwd	12 km/h
Min. Outside Turning Radius	6,770 mm

AXLES

Steering System	Hydraulic
Steering Method	Articulation
Steering Angle	± 35°
Steering Relief Pressure	16 MPa

BRAKES

Service Brake Type	Hydraulic
Service Brake Actuation	Hydraulic
Parking Brake Actuation	Mechanical apply, hydraulic release

DIMENSIONS

A Overall Length	4,970 mm
B Overall Width	1,960 mm
C Drum Width	1,750 mm
D Drum Diameter	1,200 mm
E Drum Thickness	18 mm
F Wheelbase	3,585 mm
G Min. Ground Clearance	260 mm
H Overall Height	3,120 mm

HYDRAULIC SYSTEM

Main Pump Type	Piston pump
Main Relief Pressure	35 MPa

PERFORMANCE

Front Drum Static Linear Load	303 N/cm
Rear Drum Static Linear Load	286 N/cm
Number of Vibrating Drums	2
Nominal Amplitude	0.8 / 0.4 mm
Vibration Frequency	45 / 50 Hz
Centrifugal Force	120 / 69 kN
Number of Amplitude Settings	2

OPERATING WEIGHTS

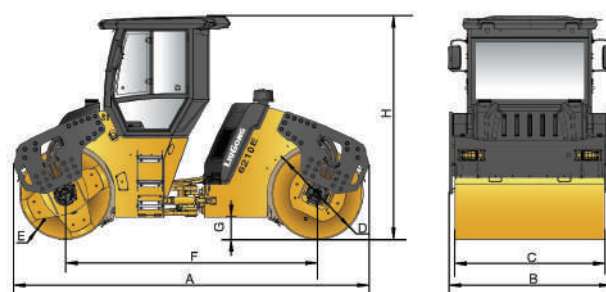
Operating Mass with Ballast	10,300 kg
Mass on Front Drum	5,300 kg
Mass on Rear Drum	5,000 kg

SERVICE CAPACITIES

Fuel Tank	220 L
Engine Oil	12 L
Hydraulic Oil Tank	80 L
Cooling System	22 L

OPTIONAL EQUIPMENT

Rotary Beacon
Compactness Meter
GPS



RIYADH

Riyadh Car Park Center
Khurais Road, Al Nahdah, Riyadh 13221

JEDDAH

Jeddah Branch
Al-Faisaliah District Mohammad Bin Majah, 2874

DAMMAM

Dammam, Sodfa District
King Faisal Road, Dammam 2933 - 7885,

Mobile: +966 50 309 1437

Website : www.asc-saudi.com