

RINO-30

Vibrating System

Peak force	276 kN (62,000 lbf)
Hold down weight (max)	280 kN (64,100 lbf)
Frequency limits	1 Hz to 250 Hz, full drive 4.3 Hz
Lift stroke	160 mm (6.3 in)
Mass weight	5,320 kg (11,700 lb)
Baseplate weight	1,880 kg (4,140 lbs)
Servo valve	Atlas 240H
Pilot	MOOG 760C928A
Mass centering method	Air spring (2)

Hydraulic System

Vibrating pump	145cc (2)
Pump drive	125cc (2)
Motor drive	280cc (2)
Accumulator	System 13 L, 2; Mass 1 L, 2
Reservoir	350 L
Oil filter	H.P. filter 5 μ L.P. filter 5 μ Servo filter 3 μ Suction filter 20 μ

Chassis

Chassis	Articulated, hydraulic drive chassis
Driving model	4X4
Steering	Hydraulic
Wheel base	5,250 mm
Tire	Standard 66X43-25, "human character" pattern Optional 66X44-25, "Water Wave" pattern
Turning radius	11,000 mm
Front axle load	15,200 kg
Rear axle load	16,800 kg
Horizontal swing angle	$\pm 15^\circ$
Max gradability	60% (30 °)
Pump drive	Two-Pump
Speed	23 km/h

Engine

Mode	Cummins, QSX15
Type	Inline 6-cylinder, supercharged water-cooled diesel engine
Rated power	450 BHP / 2100 rpm
Working speed	1850 rpm
Diesel tank	1000 L

Electricity

Vehicle system	24 V
Electronic system	12 V
Illumination	Front headlights, rear lamps, turning lights, working lights, parking brake lights, emergency alarm lights, lighting lights on the front and rear lights, interior lights in the cab



Cabin

Metal structure, double door, air conditioning, warm air, air spring shock reduction main auxiliary seat, three-point seat belt, LCD panel

Dimension

Length* width*height	10,000mm*3,350mm*3,500mm
Vibrator weight	32,000 kg
Body color	White