

RINO MINI

Jungle/City Area



Technical specification for actuator:

Peak force	19.6 kN(4400lbf)
Mass piston area	about 12 sqrt.cm
Mass weight	about 400kg
Mass stroke	about 15.2cm
Baseplate weight	about 300kg
Baseplate area	about 5000 sqrt.cm
Frequency	1 to 120Hz*
*MD frequency	3.5Hz 75% output
Servo valve	Atlas 60FC+Moog 760

Hydraulic system:

Vibrator pump flow	about 84L/min
System pressure	3000psi
Filtration	3-micron absolute servo filter
Accumulator	2X10L for HP and LP
Hold-down weight	5000lb

Power unit:

Engine	YANMAR 47.8kW, 224N.m/ 1600rpm (or CUMMINS)
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Chassis:

Fuel capacity	110L
Drive pump	Sauer-Danfossr
Drive motors	2X
Drive type	controller w/o cable

Tire:

28×9-15 & 6.5-10

Servo Valve:

Flow rate 60 gallons per minute

Physical specifications:

Dimension(mm)	2000*1500*1760
Max. speed	4.4km/h (can be more quick, need client confirm how far it will be required)
Gradeability	≥20°
GVW	about 4000kg

