

RHINO **RD 180**

POWER SWEEPER

Ride-On-Sweeper, Diesel

ROOTS



TECHNICAL SPECIFICATION

PARAMETER	UNIT	VALUE
MACHINE DIMENSIONS & WEIGHTS		
LENGTH (Operation / Shipping)	mm	3125 / 3340
WIDTH (Operation / Shipping)	mm	1796 / 2155
HEIGHT (Top of air cleaner)	mm	1980
HEIGHT WITH OVERHEAD GUARD	mm	2320
HEIGHT (Shipping)	mm	1842
GVWR (with one side brush)	kg	2860
GVWR (with two side brushes)	kg	2910
MACHINE PERFORMANCE		
MAXIMUM VEHICLE SPEED (FWD)	km/hr	16
NORMAL SWEEPING SPEED	km/hr	8 to 11
CLEARANCE CIRCLE RADIUS	mm	2380
MAXIMUM GRADABILITY	%	20
SWEEPING WIDTH WITHOUT SIDE BROOM	mm	1400
SWEEPING WIDTH WITH ONE SIDE BROOM	mm	1850
SWEEPING WIDTH WITH TWO SIDE BROOM	mm	2200
SWEEPING AREA PERFORMANCE WITH ONE SIDE BROOM (THEORETICAL)	m ² /hr	19425 @ 10.5 km/hr
SWEEPING AREA PERFORMANCE WITH TWO SIDE BROOM (THEORETICAL)	m ² /hr	23100 @ 10.5 km/hr
FILTER SYSTEM		
FILTER TYPE	Polyster Non-woven Fabric	
NUMBER OF FILTERS	Nos	9
FILTER SURFACE AREA	m ²	18
CLEANING SYSTEM	AIR	
MAIN BROOM		
MAIN BROOM DIAMETER	mm	400
MAIN BROOM LENGTH	mm	1420
MAIN BROOM TYPE	V-Shaped	
MAIN BROOM BRISTLE TYPE	PROEX & WIRE	
SIDE BROOM		
SIDE BROOM DIAMETER	mm	660
SIDE BROOM BRISTLE TYPE	PP	

DEBRIS HOPPER		
HOPPER VOLUME	Liters	900
MAXIMUM LIFT HEIGHT	mm	1820
LIFT CAPACITY	kg	900
ENGINE		
MANUFACTURER	MAHINDRA	
TYPE	575 ELS - Diesel	
COOLING TYPE	WATER	
CYLINDER CAPACITY	cm ³	2979
NUMBER OF CYLINDERS	Nos	4
MAXIMUM POWER	KW/HP	35.4 / 47.5
FUEL		
TYPE	Diesel	
FUEL TANK CAPACITY	Liters	48
STEERING		
TYPE	Hydraulic power steering	
HYDRAULIC SYSTEM		
HYDRAULIC RESERVOIR	Liters	58
BRAKING SYSTEM		
SERVICE BRAKES	Hydraulic	
PARKING BRAKE	Cable/Lever operated	
TIRES		
FRONT - SIZE	6.5 X 10 - 14PR	
REAR - SIZE	6.5 X 10 - 14PR	
ELECTRICAL SYSTEM		
BATTERY	V/Ah	12/80
STARTER TYPE	ELECTRIC	
LUBES		
GRADE OF FLUID FOR HYDRAULIC SYSTEM	15W40	
GRADE OF ENGINE OIL	15W40	