

RUBIN 135-150

- Turbocharged engines with electronic rpm control
- Automatic Power Shift transmission
- Front axle and cab suspension
- Hydraulic system with "Load Sensing"



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RUBIN 135-150

TECHNICAL DATA	RUBIN 135	RUBIN 150
ENGINE		
SAME	1000.6 W.T.	1000.6 W.T.I.
Cylinders/Displacement (n/Cu. In/cc)	6/366/6000	6/366/6000
Air Intake	Turbo	Turbo/Intercooler
Cooling	Liquid/Oil	Liquid/Oil
Visco-fan	●	●
Max constant PTO power (Kw/Hp)	91/122	102/137
Max. constant power range (rpm)	2000-2350	2000-2350
Max. constant torque (Nm)	485	625
Max. constant torque range (rpm)	1400/1600	1400/1600
Torque rise %	35	35
Air cleaner with dust extractor	●	●
Electronic rpm control	●	●
Under-bonnet silencer with cab mounted exhaust	●	●
Fuel tank capacity (US gal)	100.32	100.32
TRANSMISSION		
Oil-immersed disc clutch, hydraulic control	●	●
Power Shift with electronic control: 18 gears over two ranges, electrohydraulic operation Super Reduction: 9 gears Power Shift. Electrohydraulic reverser for all gears	●	●
AUTOMATIC POWER SHIFT	○	○
Forced lubrication with oil cooler	●	●
PTO Clutch-oil cooled multiple wet disc. Electro-Hydraulic actuation	●	●
540/1000 rpm rear PTO	●	●
540 ECO/1000 rpm rear PTO	○	○
1000 rpm front PTO, with electrohydraulic engagement	○	○
BRAKES AND STEERING		
4 Wheel oil-immersed disc brakes hydraulic actuation	●	●
Hydrostatic reactive steering. Column tilts and telescopes	●	●
Steering angle 55°	●	●
FRONT AXLE		
Axle with hydraulic suspension	○	○
Electro-hydraulic 4WD + Differential lock engagement	●	●
SBA: automatic management of front wheel drive and differentials	●	●
HYDRAULIC SYSTEM		
electronic rear lift	●	●
Max. lifting capacity without/with supplementary cylinders(lbs)	15435/18963	15435/18963
Hydraulic rh lift rod and top link	○	○
Stabilizers with oscillation lock	●	●

● = Standard ○ = Optional

TECHNICAL DATA	RUBIN 135	RUBIN 150			
"Load Sensing" hydraulic system: variable displacement pump (US gal)					
	27.2	27.2			
Auxiliary spool valves for "Load Sensing" system with 4 flow regulators (sets)					
	4	4			
Front lift with ballast and retractable linkage. Maximum lifting capacity: 8,820 lbs.					
	○	○			
CAB FITTINGS					
One-piece cab on silent block mountings with "High Visibility" roof					
	●	●			
Digital/Analogue dashboard and PERFORMANCE MONITOR					
	●	●			
SDS (Sequential Drive System)					
	○	○			
Heating and air conditioning					
	●	●			
Driver's seat with pneumatic suspension					
	●	●			
10 Work lights + Rear wiper					
	●	●			
TIRES					
16.9 R26 front 18.4 R34 rear	○	○			
14.9 R30 front 16.9 R38 rear	○	○			
16.9 R30 front 20.9 R38 rear	○	○			
Steering front fenders	○	○			
WEIGHTS AND DIMENSIONS (with 20.8R38 rear tires)					
Maximum length without links/with links (in)					
	170.2/183.9				
Width min/max (in)					
	96.5/112.6				
Overall height to hood/cab (in)					
	61.4/113.4				
Ground clearance (in)					
	20.4				
Wheelbase (in)					
	108.3				
Min/max front track (in)					
	71.7/100.8				
Min/max rear track (in)					
	76.0/92.5				
Min turning radius without brakes (in)					
	189.1				
Weight including cab (lbs)					
	13,450				
SPEED RANGE					
Ground speed in mph at 2350 rpm engine speed with (18.4R38) tires					
18 FWD + 18 REV	FWD	REV	SuperReduction	FWD	REV
with electronic control					
1°	1.48	1.57	1 SR	0.34	0.36
2°	1.79	1.90	2 SR	0.40	0.43
3°	2.16	2.29	3 SR	0.49	0.52
4°	2.55	2.71	4 SR	0.58	0.62
5°	3.08	3.27	5 SR	0.70	0.78
6°	3.71	3.93	6 SR	0.85	0.90
7°	4.42	4.69	7 SR	1.01	1.08
8°	5.34	5.66	8 SR	1.22	1.30
10°	5.62	5.95	9 SR	1.47	1.56
9°	6.42	6.81			
11°	6.78	7.19			
12°	8.15	8.65			
13°	9.66	10.24			
14°	11.65	12.36			
15°	14.05	14.90			
16°	16.71	17.72			
17°	20.23	21.45			
18°	24.25	24.84			



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