

# 5RN Series

59/66/74 kW (97/68 EC) Premium Tractor



- New, slimmer format
- Big tractor cab comfort
- 8% ExtraPower
- Two transmissions – both with Power-Reverser
- Easy to service



## Meet the 5RN.

Now you can enjoy all the advantages of our 5R Series tractor in a new slender size that's ideal for special applications.

**Amazing!** The 5RN gives you the roomy comfort, power and versatility of a premium tractor on the inside. But thanks to the narrow rear fenders and fuel tank, plus the inboard ladder and repositioned lights, it's slim and trim on the outside.

## More comfort – less space.

The “waistline” of the rugged 5RN is slimmer than that of the 5R but the cab is as roomy as ever. So you enjoy 360° visibility, super deluxe air suspension seating, a fully adjustable steering wheel, ergonomically designed controls. Plus the peace and quiet of a tractor whose operating noise level remains below 74 dB.

## More power and torque.

We've increased the ExtraPower by 8% within a wide constant power range. As a result, you benefit from the same power level – even if your engine's rpm decreases. That's good news – especially for farmers who work under demanding conditions or on hilly terrain.

## Premium transmissions.

There are two rugged transmissions to choose from: PowerQuad Plus and AutoQuad Plus. Both come with Power-Reverser.

You'll appreciate the SoftShift functionality for effortless, single-lever shifting – as you enjoy the comfortable ride of Speed Matching. The De-Clutch button on the shift lever all but eliminates stress and operating effort and the standard Park Lock guarantees your 5RN will always hold its ground.



MODEL	5080RN	5090RN	5100RN
<b>ENGINE PERFORMANCE</b>			
Rated Power (97/68 EC)	59 kW (80 hp)	66 kW (90 hp)	74 kW (100 hp)
Maximum Power (97/68 EC)	64 kW (87 hp)	72 kW (98 hp)	79 kW (108 hp)
Rated Power (ECE-R24)	56 kW (76 hp)	63 kW (86 hp)	71 kW (96 hp)
Maximum Power (ECE-R24)	61 kW (83 hp)	69 kW (94 hp)	77 kW (104 hp)
Max. torque (97/68/EC) / Constant Power Range	334 / 550 rpm	376 / 550 rpm	416 / 550 rpm
<b>ENGINE SPECIFICATIONS</b>			
Rated Speed	2300 rpm		
Type	PowerTech E, CommonRail, 2 Valve, Stage III A Emissions Certified		
Cylinder and Displacement	4/4530		
Fuel Injection System & Control:	High Pressure CommonRail		
Fuel Tank Capacity	114 Litre		
<b>CLUTCH</b>	Oil-cooled PermaClutch II, 225 mm diameter discs, base equipment		
<b>TRANSMISSION OPTIONS</b>			
16/16 PowerQuad Plus 3.3 – 40 km/h	Base		
16/16 PowerQuad Plus with 16/16 Underdrive 1.5 – 40 km/h	Option		
16/16 AutoQuad Plus 3.3 – 40 km/h	Option		
16/16 AutoQuad Plus with 16/16 Underdrive 1.5 – 40 km/h	Option		
Miscellaneous	1 Lever shifting, De Clutch button, SoftShift, Speed matching, CruiseControl in Base, Automatic Shift point control (AutoQuad)		
<b>PTO-REAR</b>			
PTO Clutch	Electro-hydraulically operated oil-cooled multi-disc		
540/540E PTO with 6 Spline Shaft	2097 / 1701 Engine rpm		
540/540E/1000 PTO with Reversible 6 & 21 Spline Shaft	2097 / 1697 / 2074 Engine rpm		
<b>PTO-FRONT</b>	Speed 1000		
<b>HYDRAULIC SYSTEM</b>			
<b>3-POINT HITCH – Rear</b>	Maximum Flow 56 or 65 Litre/min with 200 bar		
Control Modes	Height limiter, rate of drop, quick raise & pull-in; hitch dampening		
Maximum Lift Capacity at Hooks	42 kN		
<b>FRONT HITCH</b>	Max lift capacity 29 kN		
<b>CAB</b>			
Sound Level under Full Load	74 dB(A)		
Important Options	Loader packages with mid-mounted couplers and joystick; AC; tiltable windshield; 4 working lights front and 4 rear; roof hatch with glass; Electronic operator assistance package HMS II; FieldOffice system		
<b>CHASSIS</b>			
Structure	Full steel frame		
Engine Mounting	4 vibration absorbing bearings		
Turning Radius	3.48 m		
<b>DIMENSIONS AND WEIGHTS</b>			
Wheelbase / Ground Clearance 4WD, Centre	2250 mm / 390 mm		
Cab width rear (12.4R36 rear tyres)	1720 mm		
Overall width front at the ground (11.2R20 front tyres)	1840 mm		
Overall width of front axle / Flange width front axle	1860 mm / 1640 mm		
Minimum Shipping Weight / Maximum Permissible Gross weight at 40 km/h (kg)	3700 kg / 6600 kg		

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