Bringing benefits to farmers by delivering advanced and cost-effective tractors.

Ragnar R70

Functional Highlights

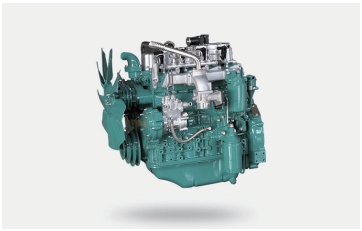
- The tractor works with a mainstream diesel engine featuring a high-pressure common rail system, which improves the combustion efficiency, fuel economy, durability, and reliability.
- The full hydraulic steering system and hanging clutch pedal help to operate the tractor flexibly, easily, and efficiently.
- The optional FJD Autosteering Kit, which can be preinstalled as required by customers, supports auto driving following the planned route.
- The 12x12 shuttle shift enables smooth shift and easy operation. With a fine-tuned speed range for each gear, the tractor can be used for various applications such as rotary tillage, beating, and hay baling.
- The enhanced front axle allows for a large turning angle and a small turning radius, providing great flexibility.
- The dual speed PTO shaft allows the tractor to work with various implements.

RAGNAR
15 SCOTTS ROAD #03-12 15
SCOTTS Singapore 228218
8004922588
sales@ragnarmachinery.com
Ragnar Machinery

Product Introduction

Ragnar is dedicated to improving people's working conditions by applying high-precision positioning technologies to agricultural production. We have been making smart tractors with the support of partners and customers to create a better future.

The Ragnar R70 4WD wheeled tractors come with an enhanced front axle to provide high ground clearance and small turning radius, making it perfectly suitable for long time operation in paddy fields and upland fields. With the add-on Autosteering Kit, the operator can enjoy a hands-free operation through auto driving along the planned route.



The Ragnar R70 Series tractors come with a four-cylinder common-rail diesel engine that features direct and multiple fuel injection, allowing for more complete combustion and lower fuel consumption. Its 70 horsepower and large torque output of 265 N•m help to get work done quickly and smoothly.

The Ragnar R70 Series tractors have a minimum ground clearance of 415 mm, a minimum turning radius of 4.2 m, and a reliable pin-type differential lock, providing excellent passability.

The 4WD tractor works with an enhanced front axle designed specifically for paddy fields. The mid-mounted hydraulic cylinder helps to deliver superb power performance while keeping the structure simple and reliable. With a larger turning angle and a small turning radius, the tractor can turn flexibly.

The Category II three-point hitch conforms to the international standard. Compatible with a wide range of implements, the enhanced lift arm and the quick hitch improve the overall strength of the tractor.

Technical Specification

Engine

Configuration	Standard	Optional
Type	Four-cylinder Diesel Engine	
Rated Speed	2400 rpm	
Maximum Torque	265 N·m	
Rated PTO Power	43.8 kW	
Rated Net Power	51.5 kW	
Displacement	3.47 L	
Fuel Tank Capacity	93 L	

Transmission

Gears	Standard	Optional
Type	12 x 12 Shuttle Shift	
Speed Ranges	Forward: 2.38-37.14 km/h Reverse: 2.09-32.58 km/h	
Differential Lock	Differential with 4 Planetary Bevel Gears	
PTO Speed	540/1000 rpm	

Brake

Configuration	Standard	Optional
Service Brake	Single Disc Mechanical Brake	
Parking Brake	Single Disc Mechanical Brake	

Front Axle

Configuration	Standard	Optional
Minimum Turning Radius	4.2 m	

Hydraulic Lift

Configuration	Standard	Optional
Three-point Hitch	Cat. II Rear Three-point Hitch	
Hydraulic Pump Rated Output	33.8 L/min	
Lift Capacity at 610 mm Behind Hitch Point	≥15.89KN	
Selective Control Valves	2	

Cab

	Standard	
	ROPS	Cab with A/C

Tires and Weight

Configuration	Standard	Optional
Front Tires	8.3-24	8.3-24(F)/11-32(R) (Paddy Field Tire) 9.5-24(F)/14.9-30(R) (Upland Field Tire)
Rear Tires	11-32	9.5-24(F)/14.9-30(R) (Paddy Field Tire)
Ballast, Front/Rear	144/180kg	
Minimum Operating Mass (with ROPS)	2805 kg	
Minimum Operating Mass (with cab)	2910 kg	

Dimensions

	With ROPS	With Cab
Length	4000 mm	4000 mm
Width	1970 mm	1970 mm
Height	2865 mm	2675 mm
Wheelbase	2046 mm	2046 mm
Ground Clearance	415 mm	415 mm