

SPECIFICATIONS

Log Splitter Specifications

Ram Force	27 Ton
Cycle Time	11 seconds
Hydraulic Tank Capacity	4 gal (15.1 L)
Max Log Length	24 in. (61 cm)
Max Log Weight	100 lb. (45 kg)
Coupler Ball Size	2 in. (5.1 cm)
Tire Size	16 in. (40.6 cm)
Max towing speed	45 MPH (72 KM/H)
Cylinder size	3.9 in. × 22.6 in. (10 cm × 57.5 cm)
Cylinder rod size	1.6 in. (4 cm)
Gear Pump	2-stage
Max pressure	4100 psi
Max flow capacity	11 GPM (41.6 LPM)
Control Valve	Detent (auto-return)
Net Weight	434.3 lb. (197 kg)
Length	85.9 in. (218.1 cm)
Width	51.3 in. (130.2 cm)
Height	39.8 in. (101.1 cm)

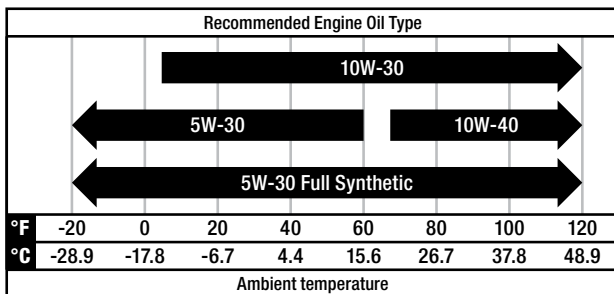
Engine Specifications

Model	R224P
Displacement	224 cc
Type	4-Stroke OHV
Start Type	Manual

Oil Specifications

DO NOT OVERFILL.

Type	See chart below
Capacity	16.9 fl. oz (500 ml)



NOTICE

Temperature will affect engine oil and engine performance. Change the type of engine oil used based on temperature shown in the "Recommended Engine Oil Type" table.

Hydraulic Oil System

Capacity 4.5 gal. (17 L)

For year round use in warmer climates (always ABOVE 32°F/ 0°C):

- ISO 32/SAE10W
- Universal Hydraulic Oil

For year round use in colder climates (BELOW 32°F/ 0°C):

- Automatic Transmission Fluid

Replacement filters:

- Fram PH9342
- K&N HP-2008
- Wix 51361

Fuel Specifications

Use regular unleaded gasoline with a minimum octane rating of 87 and an ethanol content of less than 10% by volume. DO NOT USE E15 or E85. DO NOT OVERFILL.

Gasoline Capacity 0.8 gal. (3.1 L)

Spark Plug Specifications

OEM Type	F6RTC
Replacement Type	NGK BPR6ES or equivalent
Gap	0.028-0.031 in. (0.7-0.8 mm)

Valve Specifications

Intake Clearance	0.002-0.0039 in. (0.05-0.1 mm)
Exhaust Clearance	0.002-0.0039 in. (0.05-0.1 mm)

NOTICE

A technical bulletin regarding valve adjustment procedures is available at www.championpowerequipment.com.

Important Message About Temperature

Your product is designed and rated for continuous operation at ambient temperatures up to 104°F (40°C). When your product is needed it may be operated at temperatures ranging from 5°F (-15°C) to 122°F (50°C) for short periods of time. If exposed to temperatures outside this range during storage, it should be brought back within this range before operation. In any event, the product must always be operated outdoors, in a well-ventilated area and away from doors, windows and vents.

NOTICE

When temperature is below 32°F (0°C) use Automatic Transmission Fluid (Dexron-III or similar).