

A yellow LOVOL FR315F excavator is shown in a quarry setting. The excavator's arm is extended upwards, and its bucket is visible in the foreground. The background consists of a dirt and rock hillside under a clear blue sky. The excavator has "LOVOL" branding on its arm and "FR315F" on its side.

MOMAC

LOVOL

EXCAVATOR

FR315F

FR315F EXCAVATOR

SPECIFICATION

DIMENSIONS

SHIPPING LENGTH	10873MM
SHIPPING GROUND LENGTH	/
BOOM HEIGHT	3517MM
SHIPPING WIDTH	3190MM
CAB HEIGHT	3100MM
GROUND CLEARANCE OF COUNTER WEIGHT	1160MM
MIN. GROUND CLEARANCE	510MM
TAIL TURNING RADIUS	3433MM
WHEEL TREAD	3812MM
TRACK LENGTH	4664MM
TRACK GAUGE	2590MM
TRACK SHOE WIDTH	600MM
HOOD HEIGHT	/
ROTARY PLATFORM WIDTH	3025MM

OTHER SPECIFICATIONS

BOOM LENGTH	6200MM
ARM LENGTH	2900MM
TRACK SECTION NUMBER (EACH SIDE)	48
TRACK ROLLER NUMBER	8
DOZER BLADE HEIGHT	/

ENGINE

ENGINE MODEL	WP8HG310E303
NUMBER OF CYLINDERS	6
MAX. TORQUE/SPEED	1310N·M/RPM
DISPLACEMENT	8.2L

MAIN PERFORMANCE

BUCKET DIGGING FORCE	213KN
ARM DIGGING FORCE	169KN
MAX. TRACTION FORCE	6827KN
MAX. WALKING SPEED	5.5KM/H
MIN. WALKING SPEED	3.3KM/H
ROTARY SPEED	10.5R/MIN
GRADEABILITY	35°
GROUND PRESSURE	62.9KPA

HYDRAULIC SYSTEM

MAX. MAIN PUMP FLOW	308L/MIN
MAIN SAFETY VALVE PRESSURE	34.3MPA

SCOPE OF WORK

MAX. DIGGING HEIGHT	10291MM
MAX. DUMPING HEIGHT	7101MM
MAX. DIGGING DEPTH	6827MM
MAX. VERTICAL DIGGING DEPTH	5517MM
MAX. DIGGING RADIUS	10721MM
MAX. GROUND DIGGING RADIUS	10533MM
MIN. TURNING RADIUS	4173MM
DOZER BLADE LIFTING HEIGHT	/
DOZER BLADE FALLING HEIGHT	/

OIL CAPACITY

FUEL TANK	510L
HYDRAULIC TANK	316L
ENGINE OIL	26L



FR315F

Rated Power	228kW/2000rpm
Operating Weight	31000kg
Bucket Capacity	1.7m ³

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As manufacturer, LOVOL has right to constantly upgrade and improve our products without informing to customers. The pictures in literatures are for reference only, the detailed specifications are subject to real products.

