

# WATER-COOLED HORIZONTAL TYPE DIESEL ENGINES

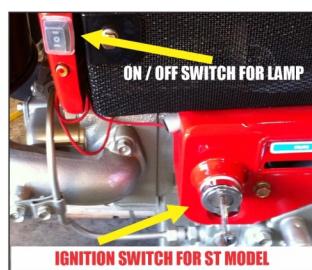


## Strength:

- 25% savings on oil consumption due to Direct Injection System
- Bosch Injectors used for more and power and fuel saving
- Compact, Powerful, Light and Economical
- New cooling system for better heat extraction
- High engine power, can work continuously for a long time
- Product quality certified by TIS.787-2551
- Factory certified by ISO9001:2008

## Durability:

- High quality parts for long time usage
- Made in Thailand under Japanese quality standard
- 2 years limited warranty with great services



ENGINE DETAIL	SHD120-ST	SHD160-ST	SHD180-ST
ENGINE TYPE	One Displacement 4 Stroke Radiator System horizontal engine		
BORE x STROKE (mm)	94 x 90	105 x 115	110 x 115
DISPLACEMENT (cc.)	624	996	1093
MAX. OUTPUT(ps(kw)/rpm)	12HP/2400 (8.83kw/2400)	16HP/2200 (11.8kw/2200)	18HP/2200 (13.2kw/2200)
RATED OUTPUT (ps(kw)/rpm)	10.5HP/2400 (7.72kw/2400)	13.5HP/2200 (9.9kw/2200)	15.5HP/2200 (91.4kw/2200)
COMBUSTION TYPE	Direct Injection		
COMPRESSION RATIO	17:01	17:01	17:01
FUEL CONSUMPTION	238.1	246.2	
COOLING SYSTEM	Fan & Radiator Type		
LUBRICATING SYSTEM	Rotary type		
STARTING SYSTEM	Hand Starting / Motor Starting		
ROTATION	Counter Clockwise facing Fly Wheel		
FUEL	SAE-2D		
LUBRICANT	SAE No. 40 API(CF,CC)		
AIR CLEANER TYPE	Wet type		
WATER CAPACITY (litr.)	2.1	4.5	
FUEL CAPACITY (litr.)	10	13.8/9.7	9.7
LUBE CAPACITY (litr.)	2.3		
NET WEIGHT (Kg.)	122	165	182
LAMPS	12V, 45/45 Watt	12V, 35/35 Watt	

**Made in Thailand**

SHIBARU POWER CO., LTD.



## SHIBARU DOUBLE-DRUM WALK BEHIND VIBRATION ROLLERS

SHIBARU Vibratory Rollers are suitable for a wide range of applications in the construction industry. The Roller delivers excellent compaction to Asphalt and Gravel surfaces for large and confined areas. Compared to most chain and belt driven Rollers in the market, the transmission system is fully hydraulic which is used for vibration system. Eliminating the need for regular periodic adjustments and changes while providing infinitely variable working speed.

### FEATURES:

- \* Deadman control levers offer reversing protection.
- \* Anti vibration controls ensure non-fatiguing and low vibration for the operator.
- \* Hydraulic transmission system uses world brand POCLAIN Hydraulic pump, fixed displacement hydraulic motor stepless speed easy to change direction
- \* Large corrosion-free water tank mounted at the rear of roller reduces sound and keeps dust to a minimum.
- \* Vibration is controlled by easy to reach On & Off switch in speed controlled hand lever.
- \* Two scrapers bars on each drum ensure a clean drum when working on Asphalt.



Model	SRL-900D-SHD120
Engine	Diesel, Thai Engine, 12HP
Type	Horizontal, Watercooled
Starting	Handcrank
Working Width(mm)	700
Roller Diameter(mm)	480
Centrifugal Force(Kn)	30
Vibration Frequency (Times/min)	3600
Gradeability(%)	20
Max. Travel Speed (KPH)	2.5
Weight (KG)	900