



SANY MARINE HEAVY INDUSTRY

SMHC35

SANY Material Handling Machine

35-series material handlers are mainly used in steel mills for scrap and bulk cargo loading, unloading and stacking operations, can offer high efficiency, with excellent machine performance, safety and reliability.



1

Hydraulic system

Independent researched and developed electronically controlled positive flow hydraulic system, fuel consumption is 10% lower than that of last year.

2

Power system

engine and hydraulic pump curves perfectly match, system simulation reduces fuel consumption in the working area.

3

Control program

engine automatic idle, multi-speed adjustable, throttling loss reduced by 60%.

4

Larger grab weight

a single grab capacity is up to 4 tons, according to different cargo, the efficiency reaches 100 ~ 200 tons/hour.

5

Faster response

the response time of each action is as low as 300ms.

6

Track chassis

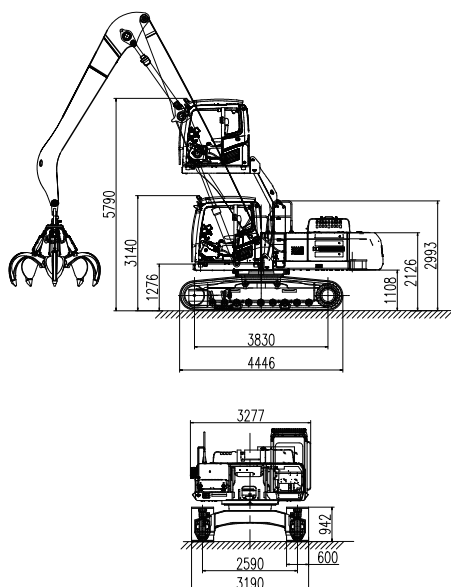
steady and efficient.

► Product Parameters

Technical Parameter				
ITEM			UNIT	SMHC35
Power System	Engine	Model	-	Mitsubishi D06FRC
		Rated power	kW/rpm	147/2100
		Torque	Nm/rpm	750/1350
		Emission	-	com III
		Oil Tank Capacity	L	465
Traveling Gear	Track width		mm	2590
	Wheel Base		mm	3830
	Track Width		mm	600
	Max. Travelling Speed		km/h	5
Hydraulic System	Type Of Control		-	Electronically Controlled Positive Flow System
	Main Pump	Model	-	Rexroth
		Rated Flow	L/min	2×260
	Main Valve		-	Kawasaki
	Reducer		-	Sany
Boom Cylinder		-	Sany	

Configuration Parameter			
CONFIGURATION		UNIT	SMHC35
Hydraulic System	Stick Cylinder	-	Sany
	Max. System Pressure	MPa	34.5
	Hydraulic Oil Tank	L	230
Slewing Gear	Slewing Bearing	-	Sany
	Max. Rotating Speed	rpm	8
Cabin	Cabin Lift Height	mm	2650
Basic Parameters	Boom Configuration	m	12
		m	Boom 6.8
		m	Stick 5.6
	Max. Operating Radius	m	10.5
	Max. Operating Height	m	10.5
	Max. Operating Depth	m	-6
	Max. Operating Radius (Grab Not Included)	t	3..4

► Dimensions



► Scope Of Work

SMHC35 Lift capacities of material handler
(Boom 6.8m, Stick 5.6m, Unit:t)

