

SMHC45

PRODUCT SPECIFICATIONS



SCAN
QR CODE FOR
PRODUCT INFO

YELLOTM

EQUIPMENT



STANDARD FEATURES

- Proven Reliability
- Wide Working Range
- High Efficiency
- Low Fuel Consumption
- ISUZU engine
- Advanced Structure Design
- Working Reach - 5m to 11.9m
- Smart Controller Features

- ➔ Rated Power
212 kW / 2000 rpm
- ➔ Working Height
up to 18m
- ➔ Overall Weight
45,200 kg
- ➔ Gradeability
40%

YELLO EQUIPMENT

SANY AUTHORISED DEALER

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Brief Introduction

Sany 45t Material Handling machine mainly apply to grab and loading or unloading operation for waste steel and bulk, with high efficiency, super high performance, safety and reliability.

CONFIGURATION PARAMETER

Power system	Engine					
		Maximum power	212kW/2000rpm			
		Maximum torque	1080Nm//1500rpm			
		Emission	CHN III			
		Oil tank	540L			
Moving system	Working rail span		2590mm			
	Tread width		4140mm			
	Track width		600mm			
	Maximum travel speed		5km/h			
Hydraulic system	Control type		Electronic control positive flow system			
	Main pump	Model	Kawasaki K5V160DTH1SXR-9T46-BV			
		Rated flow	2X320L/min			
	Main valve		Kawasaki KMX15RB/B45606-EV1			
	Reducer		Kawasaki M5X180CHB-10A-6RA/265-RG20D25			
	Movable boom cylinder		Zhongxing ZXSMHW40.1.3			
	Stick cylinder		Zhongxing ZXWMHW40.1.4			
	Maximum system pressure		32MPa			
	Hydraulic oil tank		340L			
Slewing mechanism	Slewing bearing		Sauter SSF1405.50CWHII			
	Maximum slewing speed		8rpm			
Operation cabin	Lifting height		2650mm			
Operation basic parameters	Boom specification		11m		14m	
			Movable boom: 7m		Movable boom: 8.6m	
			Stick: 4.5 m		Stick: 6m	
	Assembly hinge point of boom in the slewing platform		Upper hinge point	Nether hinge point	Upper hinge point	Nether hinge point
	Maximum working radius		10.5m	10.5m	13.5m	13.5m
	Maximum working height		10.5m	12m	13.5m	15m
	Maximum working reach		-3m	-1.5m	-6m	-3m
	Theoretical load on maximum radius point(including grab)		6t	6t	3.9t	4t

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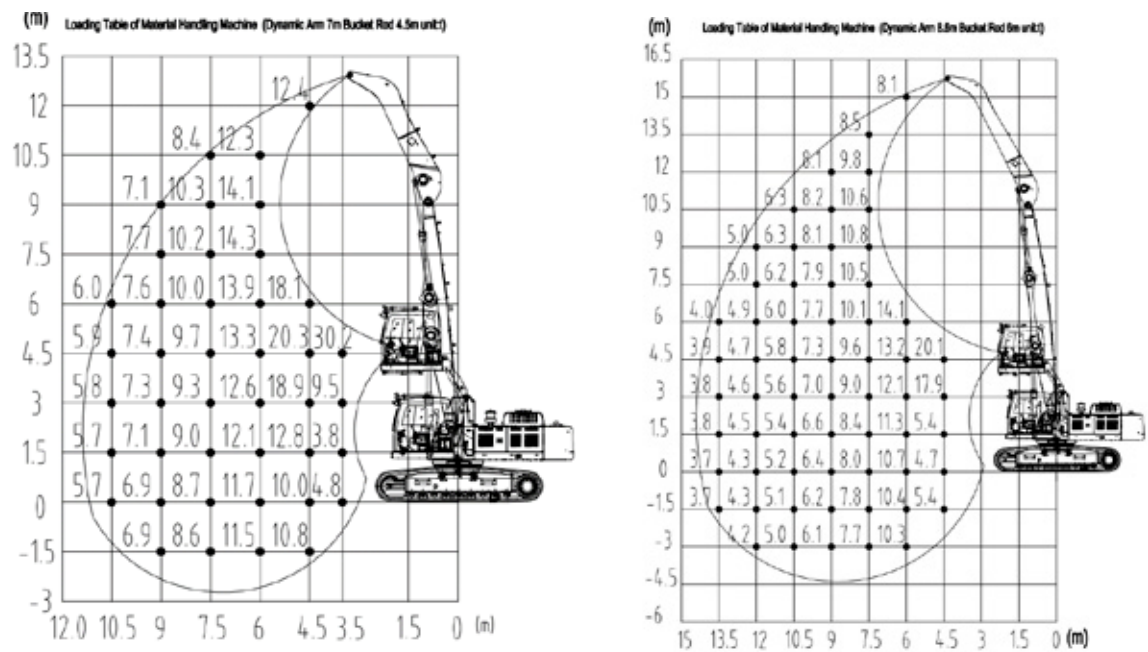
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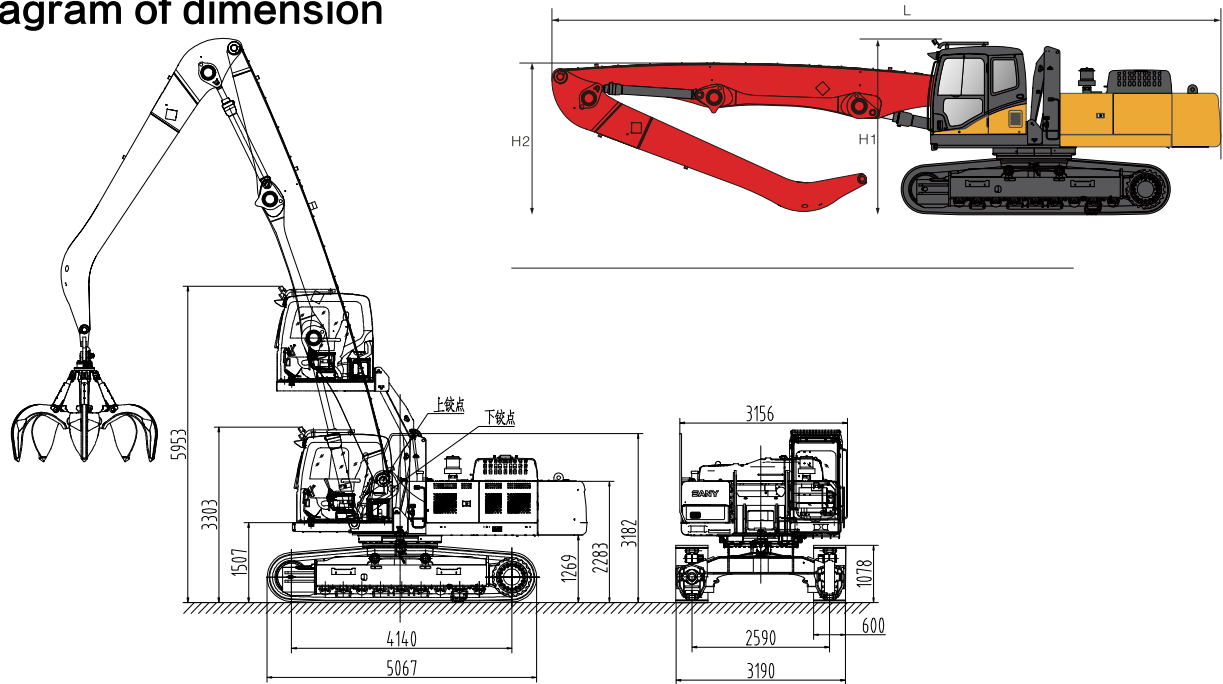
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Working range



The diagram of dimension



	The length of movable hinge point	The length of stick point	L	H1	H2
Boom combination 1	7m	4.5m	11m	3.31m	2.76m
Boom combination 2	8.6m	6m	12.58m	3.31m	2.76m