

QUALITY CHANGES THE WORLD

LOW CONSUMPTION



Saving 10% fuel consumption by using Kawasaki positive hydraulic system and Sany DOMCS control system.



Lighter design
Advance structure design, lighter and stronger



Smart controller can control the engine speed, output according to the real time capacity.



KEY FEATURES

- Proven reliability: used world wide in ports, recycling yards and warehouses.
- Japanese ISUZU engine delivering 212kW paired with a Japanese Kawasaki hydraulic system ensures both power and reliability in one machine.
- Long term service packages available.
- 5 different boom specs and 5 different grabs available to suit all applications.
- Electric option available

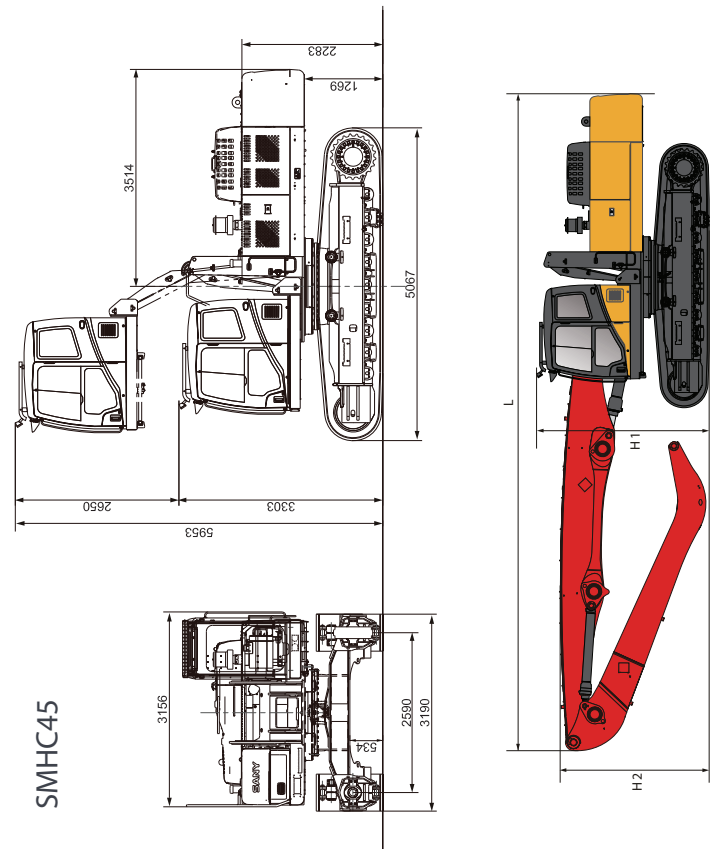
■ Wide Working Range

■ High Efficiency

■ Low Fuel Consumption

■ Warranty
2 Years / 4000 Hours

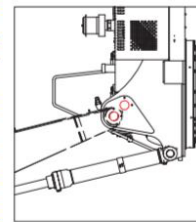
Spec						Remark	
Power system	engine	model	ISUZUengine				
		Power	212 kW/ 2000rpm				
		Fuel tank	540L				
moving system	SMHW48	Drive	four wheel drive、four wheel turning				
		Axle	DANA turning drive axle				
		Gear box	DANA 2 档				
		tyre	12-24 solid tyre				
	SMHC45	M o v i n g part	SANY				
hydraulic system	Kawasaki positive hydraulic system						
cabin	lifting structure		single four linkage bar lifting				
	lifting height		2650mm				
Boom	Boom spec		K14	K16	K17	K18	K20
			Movable boom 8.6m	Movable boom 8.6m	Movable boom 9.6m	Movable boom 10.5m	Movable boom 10.5m
			stick 6.0m	stick 7.5m	stick 7.5m	stick 7.5m	stick 9.5m
	Working Radius		13.5m	15m	16.5m	16.5m	18
	Working depth		-5m	-7m	-8.5m	-8.5m	-11.9m
	Working height		14.5 m	15.5 m	16.5m	18m	18m
	Theoretical load on max diagram point(including attachment)		5.0t	3.5t	3.5t	3.5t	3.0t



SMHC45

Parameter				Remark
Item		unit	number	
gross weight	SMHW48	t	48.4	
	SMHC45	t	45.2	
speed	SMHW48	km/h	3 (load) /20(unload)	
	SMHC45	km/h	3 (load) /5(unload)	
Grade ability	SMHW48	%	35	
	SMHC45	%	40	
Rotation speed		r/min	0~8	

Movable boom 8.6m, loading stick 6m, Hinge point at the top point



Grab							
Material type		Density t/m ³	Model	Grab type	Capacity m ³	Grab weight t	efficiency t/h
Waste steel	steel	1	SLM1000	plum blossom grab	1.0	2.12	240~320
Super light density material	Grain	0.6	SLS5006	Double shell grab	5	2.97	320~380
Light density material	Coal,fertilizer, feedstuff	0.8	SLS3508	Double shell grab	3.5	2.77	300~360
Middle density material	Sand,gravel	1.6	SLS2525	Double shell grab	2.5	2.42	360~520
Strong density material	Iron ore	2.4	SLS1525	Double shell grab	1.5	2.35	340~440
Wood	3m long	0.8	SWY2000	wood grab	2.0 m ²	2.09	320

