

# SHANTUI

## SW210

Wheel Excavator



Engine model: Weichai WP7H  
Engine power: 140kW/2000rpm  
Operating weight: 21,900kg  
Bucket capacity: 1.05m<sup>3</sup>

VALUE THAT WORKS

# SW210 TECHNICAL PARAMETERS

## ENGINE

Model	Weichai WP7H
Type	High-pressure common rail, water-cooled, in-line six-cylinder, supercharged intercooled
No. of cylinders	6
Emission standard	Tier 3
Displacement	6.8L
Rated power	140kW/2000rpm

## HYDRAULIC SYSTEM

Type	Piston pump plus gear pump
Rated operating flow	2×130L/min

## DIGGING FORCE (ISO6015)

Bucket digging force	147kN
Arm digging force	107kN

## BUCKET

Type	Backhoe bucket
Bucket capacity	1.05m <sup>3</sup>
Bucket width	1417mm

## TRAVEL SYSTEM

Travel motors	High-speed inclined axis variable motor
Number of track rollers	/
Ground clearance	/
Wheel NO.	/
Travel speed	37/10 km/h
Traction force	118kN
Gradeability	70% (35°)

## SWING SYSTEM

Swing motor type	Swash plate plunger motor
Swing speed	0-11r/min
Brake type	Pressure release, mechanical braking

## FUEL TANK CAPACITY

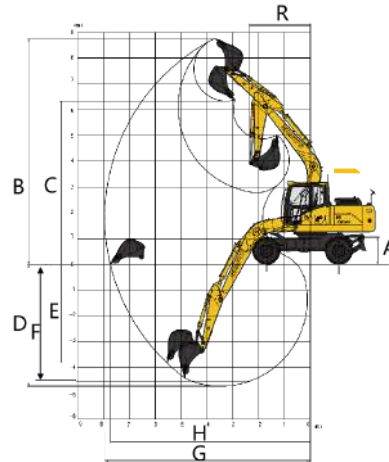
Fuel tank capacity	338L
Cooling system	28L
Engine oil	26L
Hydraulic oil tank	197L
System capacity	266L

## OPERATING WEIGHT AND WHEEL TYPE

Ground pressure	-
Operating weight	21900kg

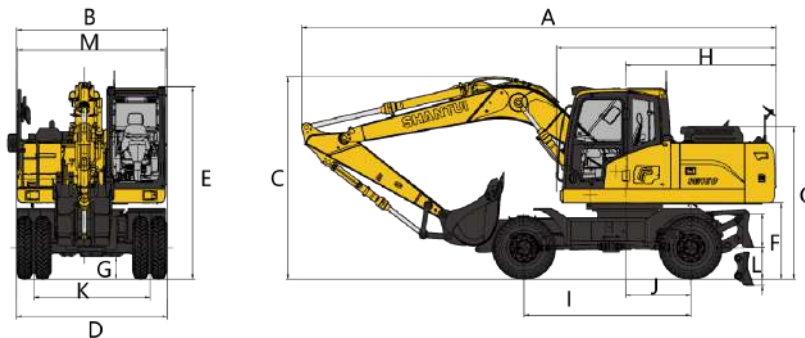
## OPERATING RANGE(mm) (Boom: 5700 mm Arm: 2925 mm)

A Tire height	1055
B Max. digging height	10262
C Max. dumping height	7397
D Max. digging depth	6283
E Max. vertical digging depth	4763
F Max. digging depth cut for 2500mm level bottom	6088
G Max. digging distance	9860
H Max. digging distance at ground level	9680
R Min. swing radius of work equipment	2970



## OVERALL DIMENSION (mm)

A Overall length	9630
B Overall width	2510
C Overall height (to top of boom)	3425
D Ground length	4710
E Overall height (to top of cab)	3284
F Counter weight ground clearance	1300
G Min. ground clearance	368
H Tail swing radius	2935
I Tread	2850
J To back axis	1300
K Wheel gauge	1922
L Blade height	624
M Blade width	2470
O Bucket width	1440
P To engine top cover	2695
Q Main frame length	4045



\* THE SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. THE PICTURES MAY INCLUDE OPTIONAL CONFIGURATION. THE ACTUAL COLOR & APPEARANCE OF THE PRODUCT MAY DIFFER FROM WHAT IS SHOWN.



Shantui Social

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