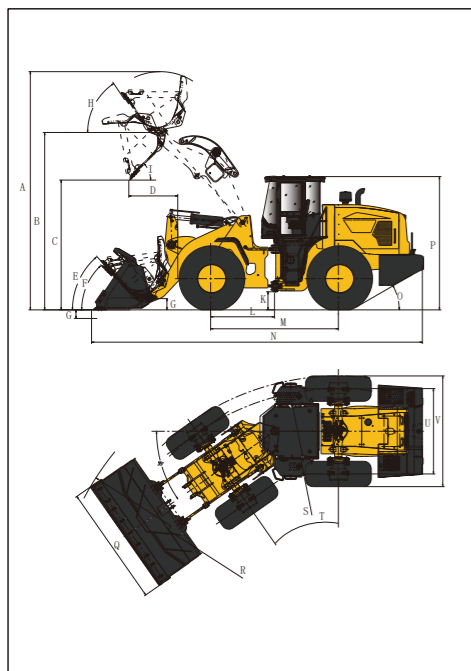


**DIMENSIONS**
All dimensions are approximate. Dimensions may vary with bucket and tire choice. Refer to operating specifications.


NO.	DESCRIPTION	UNIT	STD	High Dump.
A	Overall Height – Bucket Raised	mm	6283	6541
B	Bucket Pin Height at Max. Lift	mm	4623	4882
C	Dump Clearance at Max. Lift (45°)	mm	3460	3665
D	Reach at Max. Lift and 45° Dump	mm	1500	1625
E	Rack Back Angle at Carry	°	50	48
F	Rack Back Angle at Ground	°	48	45
G	Digging Depth	mm	125	226
H	Rack Back Angle at Max. Lift	°	56	50
I	Dump Angle at Max. Lift	°	40	42
J	Carry Height	mm	400	400
K	Ground Clearance	mm	387	387
L	Center Line of Front Axle to Hitch	mm	1775	1775
M	Wheel Base	mm	3550	3550
N	Overall Length	mm	9200	9430
O	Departure Angle	°	30	30
P	Height to Top of Cab	mm	3460	3460
Q	Overall Width over Bucket	mm	3400	3400
R	Min. Turning Radius over Bucket	mm	8035	8185
S	Min. Turning Radius over Tires	mm	7180	7180
T	Steering Angle – Left/Right	°	35	35
U	Width at Tread Center	mm	2350	2350
V	Overall Width over Tires	mm	3100	3100

**TECHNICAL PARAMETERS**

BASIC	Bucket Capacity	5.2m <sup>3</sup>
	Rated Payload	7000kg
	Operating Weight	23400±300kg
	Traction Force	200+3kN
	Breakout Force	≥230kN
ENGINE	L×W×H	9010×3400×3460mm
	Maker/Model	WEICHAH/WP10G270E341
	Rated Power	199kW/2200rpm
	Maximum Torque	1100N·m/1400-1600rpm
	Bore x Stroke (mm)	126x130mm
	No. of Cylinders /Displacement	6/9.726L
	Air Cleaner	Three Stage Air Cleaner
	Alternator	70Amp
	Battery	2-24V1120Ah
	Starting Motor	24V17.5kW
DRIVE TRAIN	Transmission Type	Countershaft Powershift
	Shift Type	Automatic electric proportional shift
	Pressure of Transmission	1.2-1.5MPa
	Torque Converter Type	Single-stage, Duo-turbine, 4-element
	Axles	Rigid (Front)&Oscillating (Rear)
	Rear Axle Oscillation (°)	±10°
	Differential	Conventional
	Main Reducer	Spiral Bevel, 1-stage Reduction
	Final Reducer	Planetary Reduction
	Tire	750/65R25★L-3TL
BRAKE SYSTEM	Travel Speed-Forward	7/13/25/37/ km/h
	Travel Speed-Reverse	7.1/13.9/24.9 km/h
	Service Brake	Single-Line Air Push oil, Dry Brake
STEERING SYSTEM	Setting Pressure	0.70-0.78MPa
	Parking Brake	Pneumatic Drum Brake
	Emergency Brake	Pneumatic Drum Brake
HYDRAULIC SYSTEM	Type	Flow Amplification Steering
	Pump	207L/min:2200rpm
	System Pressure	18MPa
	Cylinder Type	Double Acting
SERVICE REFILL CAPACITY	Steering Angle	+35°
	Type	Constant Variable Double Pump Confluence
	Pump	232L/min:2200rpm
	Control Valve	2 Spool
	System Pressure	23MPa
Fuel Tank (L)	350L	
Hydraulic Tank (L)	280L	
Crankshaft (L)	19L(CH-4)	
Transmission (L)	43L(CH-4)	
Front Axle/Rear Axle (L)	46/46L	

**CONFIGURATION**

WEICHAH Engine (Tier 3)
ZFAutomatic electric Control Transmission
Mechanical Powershift Control
CHANGLIN Axles (Dry type)
Joystick Working Control (Single-lever)
Hydraulic Brake
ROPS&FOPS Cabin
LCD Dashboard
Air Conditioner
Backup Camera
MP3
Sliding Window

**OPTIONAL**

Oil-bath Air Filter
Cold Starting(-35℃)
Sliding Cabin Window
Electric Heating Rear Window
Lockable Oil Tank Cap
Rock Bucket (4.2m <sup>3</sup> )
Enlarged Coal Bucket (7.0m <sup>3</sup> )
Whole LED Lights

# 970D

**SINOMACH-HI International Equipment Co.,Ltd.**

 额定功率 (Rated Power): 199kW@2200rpm    斗容量 (Bucket capacity): 5.2m<sup>3</sup>  
 操作重量 (Operating Weight): 23400±300kg

## WHEEL LOADER 装载机



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**国机重工集团国际装备有限公司**  
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