

MAIN PRODUCTS

Forklifts



Wheel loaders



Excavators



Cleaning Equipment



Smart Products



Tow Truck



Telehandler



All information in this catalogue is for reference only. Technical specifications may be subject to variations due to constant technological innovation without further notice.



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820
Wheel loader



A
Attachments



PALLET FORK



LIFTING JIB



SNOW SHOVEL



EUROPE MODEL



SWEEPER



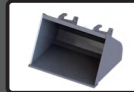
BALE GRIPPER



SOIL AUGER



FOUR-IN-ONE BUCKET



BASIC MODEL



SWEDEN MODEL



TWO-IN-ONE BUCKET



GRASS GRAB



BALE FORK

- Steering wheel instrument integration: 5-inch high-definition display screen, which is convenient for observing the usage(OPERATION) status



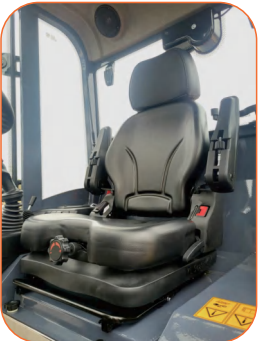
- The integrated control box:



- The new handle is rich in functional design and practical.



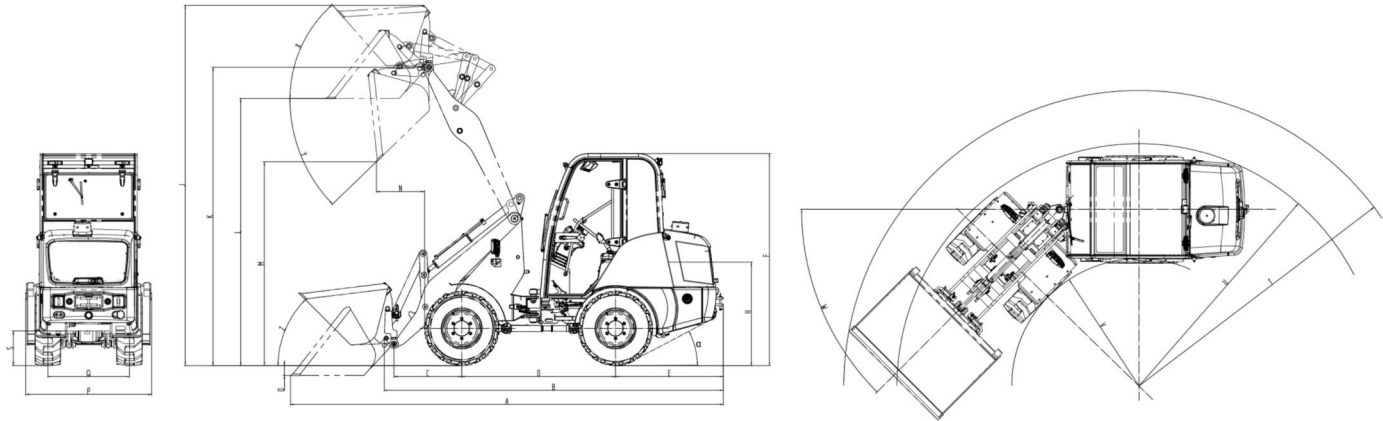
- Standard new shock-absorbing seats make the driving process more stable and comfortable



- The new armrest box has increased storage space for tea cups, reserved an area for mobile phones, and supports in-car charging function.



- Optional heater ducting can achieve more efficient of heat transmission and diffusion, improving the heating effect.



Technical Parameter

Model	820
Engine manufacturer	KUBOTA
Engine type	V1505
Cylinder	4
Power (kW/rpm) (Gross)	18.2/2300
Max. torque(N.m/rpm)	92.6/1700
Cooling	water
Engine emission	EU Stage V
Displacement(ml)	1498
Electrical system	
Operating voltage (V)	12
Battery(Ah)	60
Weights	
Operating weight (standard) (kg)	2280
Max. lifting force (daN) (kg)	1750
Tipping loads in bucket (kg) (according to ISO 14397)(kg)	
Lift frame horizontal & machine straight	1280
Lift frame horizontal & machine articulated	840
Tipping loads in pallet fork (kg) (according to ISO 14397)(kg)	
Lift frame horizontal & machine straight	1120
Lift frame horizontal & machine articulated	700
Vehicle data	
Driving speed (km/h)	L:0~8 ; H:0~18
Capacity of fuel tank (l)	45
Hydraulic oil (l)	40
Hydraulic driving	
Output (l/min)	58
Working pressure (bar)	380
Hydraulic operation	
Output (l/min)	42
Working pressure (bar)	180
Noice values Guaranteed sound power level LwA(dB(A))	101

Outline Dimensions

Model	820
Total length with standard bucket	A 4360
Total length without bucket	B 3440
Axle center up to bucket hinge pin	C 704
Wheelbase	D 1600
Axle to counterweight face	E 1094
Height over cabin	F 2225
Seat height	H 1165
Total working height	J 3728
Max. height of bucket pivot	K 3100
Overhead loading height	L 2810
Max. dumping height	M 2177
Operating distance for M	N 517
Digging depth	O 65
Total width	P 1080
Track width	Q 802
Ground clearance	S 250
Radius at the outer edge	T 2597
Max. turning radius	U 3085
Inside turning radius	V 1419
Turning angle	W 45°
Rollback angle at max. lifting height	X 45°
Max. dumping angle	Y 45°
Backroll angle on the ground	Z 46°
Departure angle	α 27°

