

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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850·850A

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



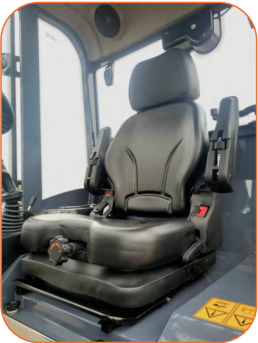
- The integrated control box:



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



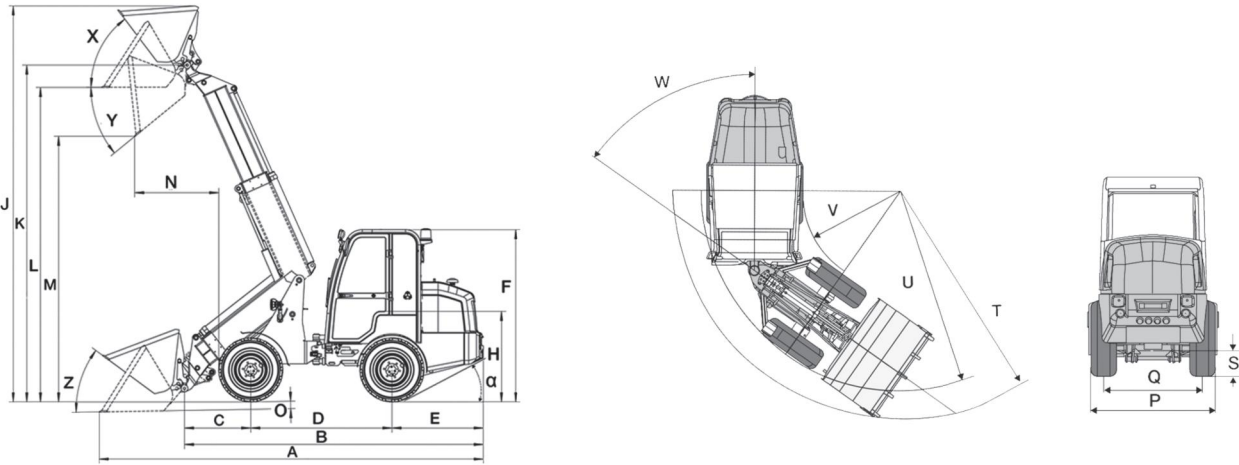
- Standard new shock-absorbing seats make the driving process more stable and comfortable



- 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	850	850A		
Engine manufacturer	YANMAR	XINCHAI	KUBOTA	YUNNEI
Engine type	4TNV86CT	4D29V41-049	V2403	DEF20CFG4
Cylinder	4	4	4	4
Power (kW/rpm) (Gross)	35.5/2400	36.8/2500	36.8/2700	36.8/2500
Max. torque(N.m/rpm)	162.4/1560	165/1600-1800	159.8/1600	183/1850
Cooling	water	water	water	water
Engine emission	EU Stage V	China IV	EU Stage V	EU Stage V
Displacement(ml)	2091	2850	2400	1999
Electrical system				
Operating voltage (V)	12	12	12	12
Battery(Ah)	80	80	80	80
Weights				
Operating weight (standard) (kg)	3080-3400	3300	3300	3300
Max. lifting force (daN) (kg)	2480	2480	2480	2480
Tipping loads in bucket (kg) (according to ISO 14397)(kg)				
Lift frame horizontal & machine straight	2080	2000	2060	2060
Lift frame horizontal & machine articulated	1780	1630	1700	1700
Tipping loads in pallet fork (kg) (according to ISO 14397)(kg)				
Lift frame horizontal & machine straight	1680	1600	1680	1680
Lift frame horizontal & machine articulated	1450	1330	1400	1400
Vehicle data				
Driving speed (km/h)	0-9 ; 0-21	0-10 ; 0-24	0-10 ; 0-24	0-10 ; 0-24
Capacity of fuel tank (l)	50	50	50	50
Hydraulic oil (l)	60	50	50	50
Hydraulic driving				
Output (l/min)	75			
Working pressure (bar)	400			
Hydraulic operation				
Output (l/min)	44	58	58	58
Working pressure (bar)	180	180	180	180
Noice values Guaranteed sound power level LwA(dB(A))	101			

Outline Dimensions

Model	850	850A
Total length with standard bucket	A 4680	4902
Total length without bucket	B 3890	3890
Axle center up to bucket hinge pin	C 660	747
Wheelbase	D 1860	2160
Axle to counterweight face	E 1250	873
Height over cabin	F 2340	2400
Seat height	H 1370	1400
Total working height	J 3870	3920
Max. height of bucket pivot	K 3230	3220
Overhead loading height	L 2900	2910
Max. dumping height	M 2300	2315
Operating distance for M	N 265	660
Digging depth	O 160	65
Total width	P 1150	1420
Track width	Q 860	1015
Ground clearance	S 290	255
Radius at the outer edge	T 3330	4130
Max. turning radius	U 2925	3743
Inside turning radius	V 1642	2426
Turning angle	W 45°	40°
Rollback angle at max. lifting height	X 55°	45°
Max. dumping angle	Y 53°	43°
Backroll angle on the ground	Z 55°	45°
Departure angle	α 27°	45°

