

SINOMACH

Equip the world and create value



BACKHOE LOADER 630A

MAIN FEATURES

- Equipped with WD DEUTZ engine.
- 4 forward & 4 reverse synchromesh mechanical shift transmission.
- Combined seal cylinder to obtain high sealing performance and more reliability.
- Improved loading and excavating performance.
- Wet type CARRARO rear axle with multi-disc brake & CARRARO front axle.
- More spacious new type cabin increases comfort and visibility.
- 2 wheel driving & 4 wheel driving as options.

630A Backhoe Loader



Engine

Model.....WD DEUTZ WP4G95E221
 Type.....Direct injection, turbocharged, water cooling
 Rated Power.....70kW
 Rated Speed.....2200rpm



Transmission System

Imported T/C & T/M, synchromesh mechanical shift

Traveling speed (at rated engine rpm)

	I	II	III	IV
Forward(km/h)	6.0	9.6	20.5	38
Reverse(km/h)	6.0	9.6	20.5	38



Brakes

Oil immersed disc brakes are actuated by individual braking on each side rear wheel with two separate pedals. Integral brake on rear wheel is actuated by operating the two pedals at the same time.

Parking brake: flexible shaft control mechanical applied axle shaft braking.



Front and Rear Axles

Adopted imported well-known brand axles, Heavy duty axles with planetary reduction gears in the wheel hubs. Front axle total oscillation angle is 11°. Differential lock in the rear axle controlled by electro-hydraulic system with a switch on loader lever.

Min. ground clearance.....275mm(4WD)/355mm(2WD)

Max. grade ability.....>30%



Steering System

The front steering wheels are controlled by load sensing priority valve steering system.

Min. turning radius at the outer of front wheel.....4380mm



Loader Performance

Rated bucket capacity.....1m³

Max. dumping clearance.....2714mm

Max. dumping reach.....845mm

Max. breakout force.....>60kN



Backhoe Performance

Rated hoe bucket capacity.....0.3m³

Max. digging depth.....4405mm

Max. digging force.....50±10%kN

Max. digging radius.....5481mm

Max. dumping height.....3737mm



Oil Capacity

Fuel tank.....151L

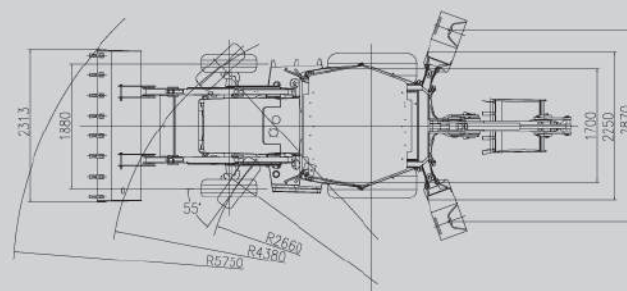
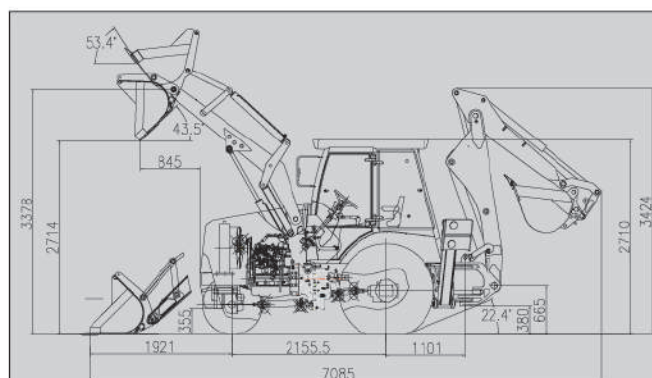
Crank case.....11L

Transmission.....18.5L

Rear axle.....17L

Front axle.....7.6L

Hydraulic system.....110L



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