



## **CG956G**

Overall data

Operating Weight: 36596.12 lb.

Bucket Capacity: 4.05 yd<sup>3</sup>

Rated Load: 11022.93 lb.

Maximum traction: 165 KN

Grade ability: 30°

Breakout force(tilt cylinder): 180KN

Static Tipping Load (full 35°): 100KN

Engine

Rated Power : 217.08 hp

Peak Torque: Nm: 843

Displacement: 0.37 ft<sup>3</sup>

Cylinders-Bore x Stroke: 4.75×6.00 in

Transmission

Type: ZF 4WG-200

Conve

Travel Speed(mph)

Gear 1 Gear 2 Gear 3 Gear 4

Forward: 4.16、 7.33 、 14.29 、 22.37

Reverse: 4.16、 7.33 、 14.29、 N/A

Steering Full hydraulic steering system with operational ease and high efficiency.

Axles:

Dry brakes

Brakes:

Service brakes: Air-oil system

Parking brakes: Spring applied and air release hand brake

Hydraulic System

Relief valve setting: 17.5Mpa

Hydraulic cycle time, rated load in bucket(in second)

Raise: 6.5 Dump:4.42 Lower(empty, float down):1.58 total: 12.5

Capacities

Fuel tank: 7.77 ft<sup>3</sup>

Hydraulic tank: 5.48 ft<sup>3</sup>

Crankcase: 0.71 ft<sup>3</sup>

Transmission: 1.59 ft<sup>3</sup>

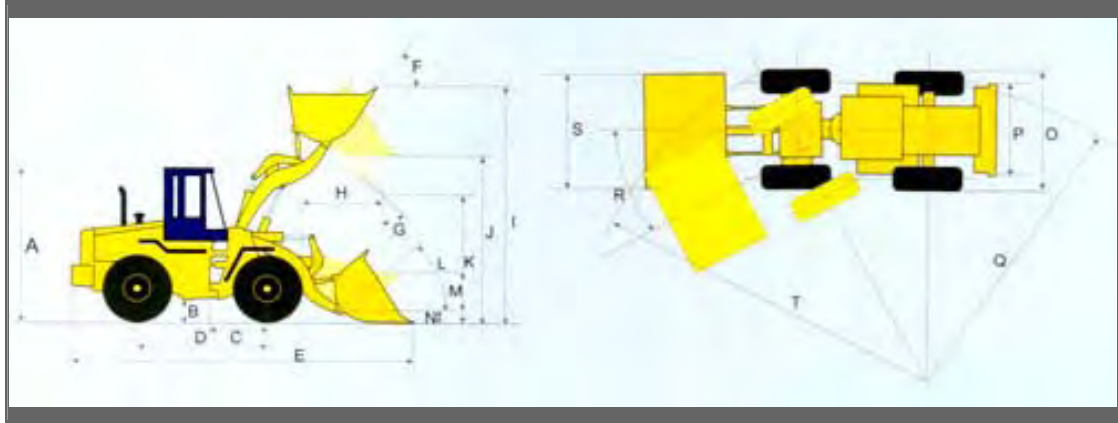
Different & final drivers-front: 0.92 ft<sup>3</sup>

Different & final drivers-rear: 0.92 ft<sup>3</sup>

Tires: 0.83-0.88

Equipment Standard Optional

Shanghai C6121



#### Dimensions with Bucket

A: Overall height: 138.58 in

B: Minimum ground clearance: 17.72 in

C: Length from centerline to front axle: 62.60 in

D: Wheelbase: 129.13 in

E: Overall length: 324.80 in

F: Maximum rollback at full height: 56°5'

G: Bucket dump at full height: 45

H: Maximum dump reach at maximum dump clearance: 43.98 in

I: Maximum lift height: 165.35 in

J: Hinge pin height at full lift: 204.57 in

K: Dump clearance: 122.87 in

L: Maximum rollback at ground: 47.5

M: Hinge pin height at carry position: 21.65 in

N: Maximum digging depth: 2.24 in

O: Width over tires: 105.47 in

P: Tread width: 82.68 in

Q: Minimum turning radius: 256.69 in

R: Maximum steering angle(each side): 35

S: Overall width: 118.11 in

T: Turning radius outside bucket: 290.35 in