



CG935G

Overall data

Operating Weight: 25573.19 lb

Bucket Capacity: 2.62 yd³

Rated Load: 7716.05 lb

Maximum traction: (Gear 2, 50.5kN)

Grade ability: 25°

Breakout force(tilt cylinder): 110kN

Static Tipping Load (full 35°): 87kN

Engine

Rated Power : 151.42 hp

Peak Torque: 620N.m

Displacement: 0.21 ft³

Cylinders-Bore x Stroke: 3.94 x 5.00 in

Transmission

Type: ZF model 4WG-158 power shift transmission with transmission oil cooler.

Conve

Travel Speed(mph)

Gear 1 Gear 2 Gear 3 Gear 4

Forward: 3.73、 7.39、 17.03、 33.4

Reverse: 3.73、 7.399、 17.03 、 N/A

Steering : Eaton Orbital Valve. Heavy duty cylinders

Axles: wet brakes

Brakes:

Service brakes: Wet disc brakes, oil immersed, fully enclosed acting on all four (4) wheels.

Dual circuit full hydraulic braking system.Brake pedal transmission disconnect.

Parking brakes: Spring applied and hydraulic release hand brake

Hydraulic System

Relief valve setting: 19.4Mpa

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

Raise: within 5s Dump: 1.0s Lower(empty, float down): 2.3s total: 8.3s

Capacities

Fuel tank: 5.65 ft³L

Hydraulic tank: 4.42 ft³

Crankcase: 0.57 ft³

Transmission: 1.24 ft³

Different & final drivers-front: 0.92 ft³

Different & final drivers-rear: 0.92ft³

Tires: 17.5 x 25 tubeless tyres, L3 type

Equipment

Standard Optional

Perkins

Dimensions with Bucket

A: Overall height: 127.28 in

B: Minimum ground clearance: 17.05 in

C: Length from centerline to front axle: 62.60 in

D: Wheelbase: 112.99 in

E: Overall length: 280.51 in

F: Maximum rollback at full height: 57。 48'

G: Bucket dump at full height: 45

H: Maximum dump reach at maximum dump clearance: 39.37 in

I: Maximum lift height: 194.76 in

J: Hinge pin height at full lift: 151.14 in

K: Dump clearance: 112.20 in

L: Maximum rollback at ground: 47

M: Hinge pin height at carry position: 17.56 in

N: Maximum digging depth: 3.15 in

O: Width over tires: 92.87 in

P: Tread width: in

Q: Minimum turning radius: 221.65mm

R: Maximum steering angle(each side): 35

S: Overall width: 96.06 in

T: Turning radius outside bucket: 243.31 in