



DW105AE

MAX. GROSS MACHINE WEIGHT	112,000 kg
NET MACHINE WEIGHT	42,000 kg
PAYLOAD	70,000 kg
MOTOR TYPE	TZ380XSLG500B
RATED POWER	500 kW (671 hp / 680 ps) @1,989 rpm
STRUCK CAPACITY	36 m³
HEAPED CAPACITY (SAE 2:1)	43 m³



BATTERY ELECTRIC VEHICLE

TOUGH WORLD. TOUGH EQUIPMENT.

DW105AE SPECIFICATIONS >>>

DRIVE MOTOR

Motor	J, S W, M, C, L
Model	T 380 SLG500B
Type	PMSM
Power	600 W
Rated / Peak Power	500 W (671 / 679 N) / 700 W (939 / 952 N)
Rated / Peak Torque	2,400 / 4,800 N
Rated / Peak Speed	1,989 / 3,500 rpm
Rated / Peak Power	15 W (20.1 / 20.4 N)

TRANSMISSION

Model	F, 4E300
Gear Ratio	6.508 / 3.995 / 2.123 / 1
Reduction	E, 1, 2, 3, 4

AXLE

Front Axle Load	25,000 kg
Max. Rear Axle Load	40,000 kg
Load Capacity	2
Steering Type	Fl, R
Turn Ratio	18.722
Max. Gradient	35%

POWER BATTERY

Model	CATL
Battery Pack Model	L268D05
Power Battery Capacity	528 Wh
Type	L
Rated Capacity	2
Rated Voltage	656 V

BRAKING

Service Brake	D
Anti-lock Brake	M
Power Brake	10
ATC	210 L
Service Brake Gradient (L)	20%
Power Brake Gradient (L)	15%

STEERING

Steering System	F
Steering Power	16 MP
Turning Radius (Full)	± 12,000

HOIST SYSTEM

Rated Torque	± 27
Lift Torque	± 25
Steering Power	20 MP

BODY

Load Capacity	6,250 / 3,400 / 1,750
Load Area	48
Seat Capacity	36
Height Capacity	44

TIRE AND RIM

Diameter	6.4
Tire Size	16.00R25
Rim	11.25/2.0-25

DIMENSIONS

Overall Length	9,550
Overall Width	3,700
Overall Height	4,070
Lift Height	4,000
Wheel Base	3,950 / 1,750
Wheel Track	2,690