



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.

SPECIFICATIONS >>>

DRIVE MOTOR	
M	J, S W, M, C, L
M	T 380 SLG500B
T	PMSM
P	600 V
R	500 W (671 / 679) / 700 W (939 / 952)
R	2,400 / 4,800 N
R	1,989 / 3,500
R	15 W (20.1 / 20.4)
M	

TRANSMISSION	
M 1.8L 4-Cyl. 16V	F 1.8L 4-Cyl. 16V 4E300
G 1.8L 4-Cyl. 16V S 1.8L 4-Cyl. 16V R 1.8L 4-Cyl. 16V	6.508 / 3.995 / 2.123 / 1.123
R 1.8L 4-Cyl. 16V T 1.8L 4-Cyl. 16V	E 1.8L 4-Cyl. 16V

AXLE		
F	A R L	25,000
M	R A R	40,000
L		2
S	T F R	/
T	R R	18.722
M	G	35%

POWER BATTERY	
M	CATL
B	L268D05
P	528, W
T	L
A	S P
A	656 V

BRAKING	
S ₁₀₀ B ₁₀₀	D ₁₀₀ = 100%
A ₉₀ B ₉₀	M ₉₀ = 100% - 10% = 90%
P ₈₀	10%
A ₇₀ T ₃₀ C ₃₀	210 L
S ₆₀ B ₆₀ , G ₄₀ (L ₄₀)	20%
P ₅₀ B ₅₀ , G ₅₀ (L ₅₀)	15%

STEERING	
S $\frac{1}{2}$, S $\frac{1}{2}$	F $\frac{1}{2}$, $\frac{1}{2}$, $\frac{1}{2}$, $\frac{1}{2}$
S $\frac{1}{2}$ P $\frac{1}{2}$, $\frac{1}{2}$	16 MP
T $\frac{1}{2}$, R $\frac{1}{2}$ (F $\frac{1}{2}$)	$\frac{1}{2}$ 12,000

HOIST SYSTEM	
R . T	27
L . T	25
S . P . S	20 MP

BODY		
1. 3. 3. D	B	6,250 • 3,400 • 1,750
L	A	48
S	C	36
H	C	44

TIRE AND RIM	
DR. T.	6.4
T. S.	16.00R25
R	11.25/2.0-25

DIMENSIONS			
O	L		9,550
O	W		3,700
O	H		4,070
L	H		4,000
W	B	3,950	1,750
W	T	2,690	