



DUMP TRUCK

MODEL : PD880Z-II

TECHNICAL SPECIFICATIONS

POWERPLUS
POWERPLUS GROUP INC., USA

■ MAIN SPECIFICATIONS

Max. Laden mass : (kg) 21100
Kerb mass: (kg) 17900
GVM: (kg) 39000
Max. Speed: (km/h) 75
Min. turning radius: (m) 12
Min. ground clearance: (mm) 314
Max. gradeability: (%) 32
Overall Length: (mm) 10435
Overall Width: (mm) 2490
Overall Height: (mm) 3450
Wheel base: (mm) 1800+3600+1350
Overhang (front): (mm) 1525
Overhang (rear): (mm) 1275
Track width (front): (mm) 1860
Track width (rear): (mm) 1860

■ DUMP BODY

Dump Length: (mm) 7600
Dump Width: (mm) 2300
Dump Height: (mm) 1500
Dump Capacity: (m³) 26

■ ENGINE

Model: STEYR WD12.375
Horsepower: (HP) 375
Emission: Euro II
Rated speed: (rpm) 2200
Max. Torque: (N.m/rpm) 1500/1300-1600
Type: In line, water-cooled, 6 cylinder,
pressure diesel engine
Cylinder Bore x Engine stroke: (mm) 126 x 155

■ TRANSMISSION

Model: RT-11509C (Fuller Technology)
Gears: Forward 9 & Reverse 1
Gear Ratio: (F1)12.42 (F2)8.26 (F3)6.08 (F4)4.53
(F5)3.36 (F6)2.47 (F7)1.81 (F8)1.35
(F9)1.00 (R)12.99



■ CABIN

MAN-POWERPLUS cabin with air conditioner,
CD player, flat head, double doors and tippable cabin.
Designer upholstery.

■ STEERING UNIT

Type: ZF Technology, LHD / RHD

■ CLUTCH

GF430 Single-plate, air assisted.
Mechanically operated

■ FUEL CAPACITY

Fuel consumption for 100km: (L) 38
Fuel Tank capacity: (L) 380

■ TIRES

No. of Tire: 12+1
Tire size: 12.00-20-18PR
Axle Drive: 8x4