



D12



D12

DESCRIPTION (ISO 7132:2003) Rear dumping dumper
N.4 wheel steering/drive – 2 axles – Rotating driving seat
Max. load capacity 12.000 kg

ENGINE

Perkins 904J-E36TA
EU Stage V/U.S.EPA Tier 4 Final 90 kW (121 hp)
Perkins 1104D-44TA
EU Stage IIIA/U.S. EPA Tier 3 83 kW (113 hp)

TRANSMISSION 4x4 full wheel drive, 4 speeds forward/
reverse (2 hydraulic, 2 mechanic) - Max speed 35 Km/h
Max full loaded gradeability 40% - Hydrostatic “automotive”
transmission with variable displacement pump and variable
displacement 2 position hydraulic motor controlled by an
electro-hydraulic lever for “slow”/“fast” speed and reverse
movement selection - Mechanical gearbox for “work” and
“transfer” speed with electro-hydraulic control lever
Inching Pedal

AXLES Both load-bearing and steering with planetary
reduction gears on the wheel hubs – Front axle oscillating
at 8° - Rear axle fixed with flanged gearbox

BRAKES Internal oil-bath disc hydraulic service brake
acting on all 4 wheels activated by a dual circuit
independent pump – Internal oil-bath disc hydraulic parking
brake acting directly on rear axle with hydraulic negative
type control – Emergency brake incorporated directly in
service brake

STEERING Hydrostatic fed by an independent pump
Four wheel steering by means of 2 double action cylinders
Steering selector device on operator’s console for: front
wheel drive/ 4 wheel bi-lateral drive/ 4 wheel parallel drive
(crab mode)

DUMP BODY Reinforced dump body with tilting by means
of 2 double-acting hydraulic cylinders
Struck capacity 6.700 l SAE heaped capacity 8.300

OPERATOR’S TURRET Rotating, mounted on
ball-bearing swivel ring - Anatomic seat with flexible
suspension and height adjustment, seat belts - Large high
visibility windshield with electric wiper – Steering column in
ABS with electronic display and ergonomic user friendly
dashboard and control panels - 3-side enclosed ROPS
FOBS cabin (optional total closure cab)

HYDRAULIC SYSTEM 1-element hydraulic distributor
Gear pump 26Lt @ 1000 RPM for utilities
Gear pump 20Lt @ 1000 RPM for steering and breaks
16 µm hydraulic filter - Aluminium heat exchanger for
hydraulic oil cooling

ELECTRICAL SYSTEM Starter 12V- 3 kW
Alternator 12V 95A with regulator incorporated
Battery 12V 110Ah (900A)

SERVICE REFILL CAPACITIES

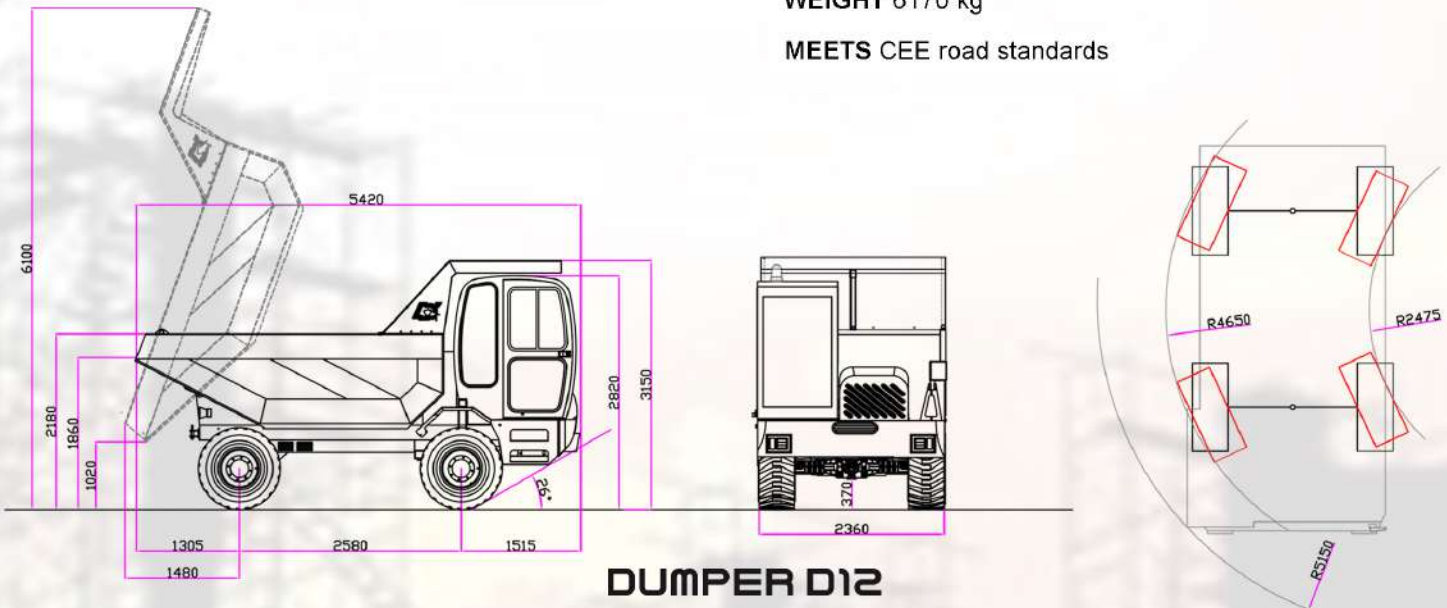
Fuel tank	175 l
Total hydraulic system capacity	175 l
Engine oil	9,5 l
Engine cooling liquid	7,0 l

TIRES 18 -19,5 16 PR16 PR

DIMENSIONS 2.360 x 5.400 x 2.820 mm

WEIGHT 6170 kg

MEETS CEE road standards



DUMPER D12



AMOG srl | I-80031 Brusciano (NA) | Tel. +39 081 658 8361 | sales@davinogroup.biz

davinomixer.com