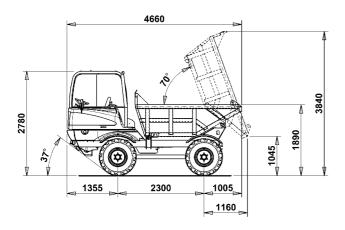
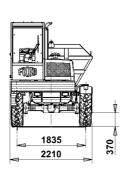
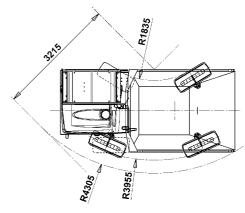


# **DUMPER SYSTEM**

# **D** 70sl







#### DIESEL ENGINE

PERKINS series turbo engine 1104
Mechanical control with direct injection
Max. power 74,5 kW - (101 Hp)
Adj. power 70 kW (95 HP) at 2200 rpm
Max. torque 392 Nm at 1400 rpm
Bore/stroke: 105/127 mm
4 cylinders - total displacement 4400 cc
Water cooling, dry air filter
Directive 2004/26/CE - Stage III A

### **ELECTRIC SYSTEM**

Alternator: 12 V - 55 A Battery:12 V - 132 Ah (600 A) Road light system.

## 4X4 FOUR-WHEEL DRIVE

Hydrostatic "automotive" transmission with variable displacement pump and variable displacement hydraulic motor with electro-hydraulic control, and reverse gear control on the steering wheel. Mechanical gearbox for "working speed" and "road transfer" speed, with mechanical control.

#### **SPEED**

4 forward gears	4 reverse gears
I° 0 - 3,5 Km/h	0 - 3,5 Km/h
II° 0 - 7,6 Km/h	0 - 7,6 Km/h
III° 0 - 10,4 Km/h	0 - 10,4 Km/h
IV° 0 - 25,0 Km/h	0 - 25,0 Km/h
Traction / weight ratio	40%

#### **AXLES AND WHEELS**

Front load-bearing, oscillating ( $\pm$  7°) and steering with planetary reduction gears on the wheel hubs.

Rear load-bearing and steering with planetary reduction gears on the wheel hubs and directly flanged gearbox.

Front and rear tyres: ...... 12.5-18 / 16 PR

#### **BRAKES**

Internal oil-bath disc service and emergency brakes acting on the 4 wheels, activation with pump on independent dual circuit.

Drum parking brake on the front axle with lever control.

#### STEERING

Assisted by means of power steering on 4 steering wheels; steering selection device for: 2 steering wheels, 4 steering wheels - crab steering.

### **EQUIPMENT HYDRAULIC SYSTEM**

Gear pump
Max. flow rate:45 litres/min.
Maximum pressure: 180 bar
1-element distributor.
Aluminium heat exchanger for hydraulic oil
cooling.
Pressurised closed-circuit intake with oil filter
replaceable from the outside.

#### **DUMP BODY**

Reinforced dump body	with tilting by means of
2 double-acting jacks.	
Struck capacity	3000 litres
SAF heaped capacity	4000 litres

#### CAB

Closed cab with heating system, designed in accordance with ROPS FOPS standards.

180° pivoting driving post. Anatomic seat with flexible suspension and height adjustment, seat belts.

Driving and equipment controls with ergonomic arrangement.

LCD TV display with camera for rear visibility.

#### SERVICE REFILL CAPACITIES

Fuel tank in cross-linked polyethylene, 90 litres	í
Total hydraulic system capacity:90 litres	,
Engine oil:9 litres	,

#### **WEIGHTS**

Operating weight	4250 kg
Max gross weight:	11250 kg
load-carring capacity:	7000 kg

# **D** 100sL













All pictures shown are for illustrative purposes only and may contain optional equipment.

# **DUMPER SYSTEM**

This is the ideal vehicle for transport of large quantities of materials whenever driving reversibility, speed, visibility and safe manoeuvrability are absolute musts.

This is the most compact vehicle of its segment (10,000 kg capacity, front dumping).

FIORI GROUP dumpers guarantee perfect traction and manoeuvrability on rough terrains, while also ensuring driving safety, flexible and user-friendly in both directions (forward and reverse).

