

Energreen America Build Spec

Tool Carrier: Telescopic Tool Carrier

ILF Kommunal

SPEC # 401

SIZE AND WEIGHT

Height – 9' 8"

Width – 8'

Length – 14' 8"

Wheelbase - 8'

Machine Weight – 14,374 lbs without equipment
23,148 lbs with equipment

ENGINE

Brand Deutz TCD 3.6

Type 4 Cylinders Diesel

Power 136 hp (100 kw)

Injection Common Rail 4 valves per cylinder

Exhaust Emissions EPA TIER 4f

Alternator 120 A.

Fuel Tank capacity 73 gallons

Fan CLEANFIX Reversible self cleaning

Pre-heating air engine intake

Air intercooler radiator

Reinforced cooler radiator

Computer for visualization engine data

HYDRAULIC SYSTEM

Pumps and Motors in closed circuits

Cutting head pump Piston

Translation pump Piston

Pumps and Motors in open circuits

Arm movement Gear

Brakes system Gear

Steering system Gear

Hydraulic distributor 5 sections

Hydraulic oil ISOVG H46

Oil Pressure 3050 to 4200 PSI (for cutting head)

TRANSMISSION AND BRAKES

Transmission Hydrostatic

Traction 4x4 Permanent

Steering radius 2,15 m

Tires Standard: 455/65 R. 22,5

Speed variation 0 - 40 km/h (continuous)

Manual Gearbox 2 gears

Wheel Alignment Electronic control

Front axle Oscillating

Front axle block Hydraulic

Steering axles 2 steering axles

Axle block Front 100%

Rear 100%
Parking brake Negative
Service brakes 8 discs

CABIN

Cabin homologation FOPS – ROPS
Steering Wheel Adjustable
Joystick Electronic
Rotary lamp Switch inside the cabin
Air conditioning Electronic
Rear glasses Darkened anti UV
Adjustable seat Air suspension
Power socket 12 V
Battery switch Automatic