



Moscow 2016



Team design

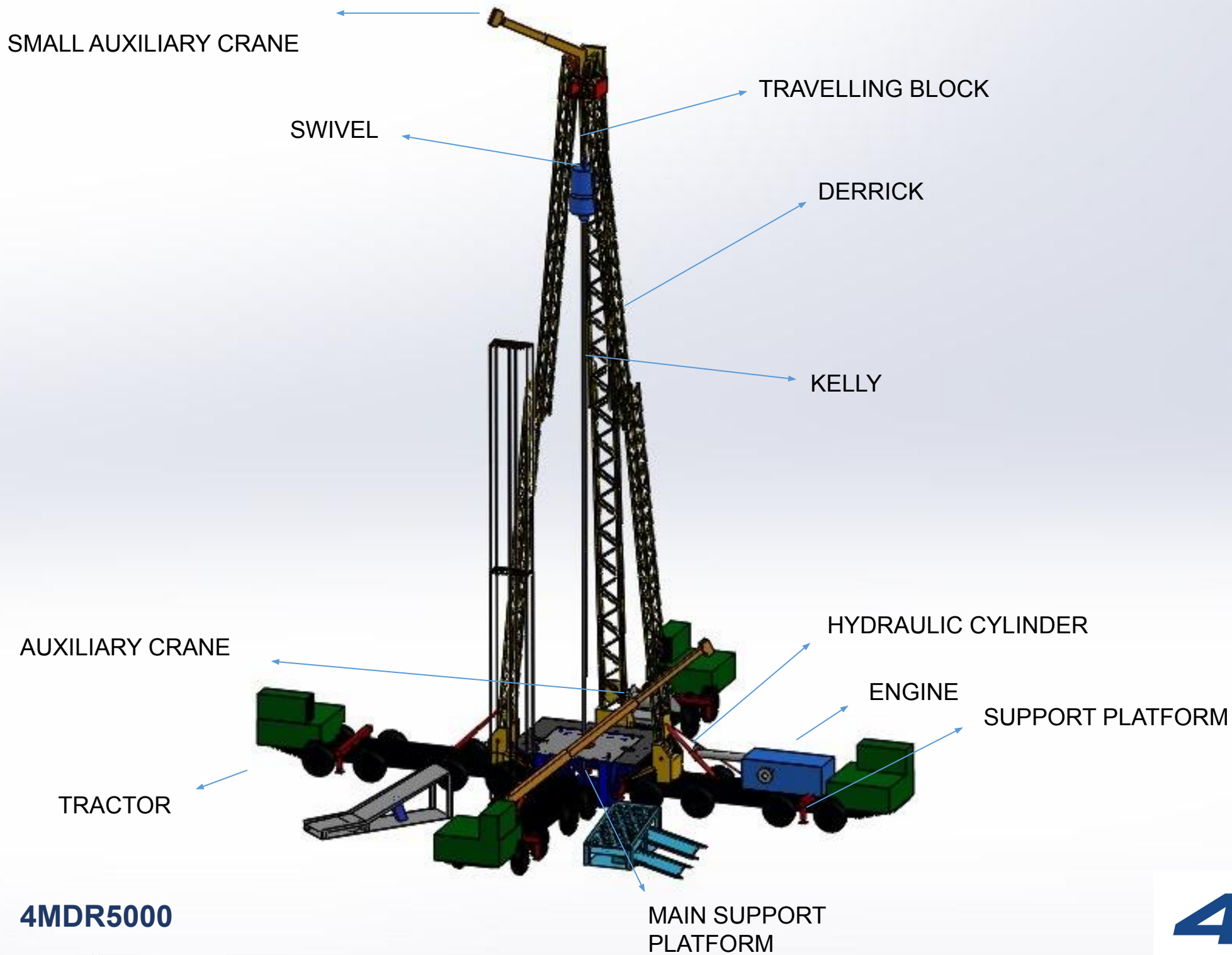
4MDR5000

4 mobile drilling rig 5000



4MDR5000





SOME CHARACTERISTICS OF COMPLEX :

- Total weight (with tractors) = 172t
- Maximum weight of the drill pipe = 155t
- Calculated drilling depth = 5000m
- Max. hook load = 200t

- Mud pump power = 950 kW
- Summary drilling power = 2500 kW
- Base platform height = 3 m
- The diameter of the holes in the rotor table = 600 mm
- The tower height = 35 m
- Max. pipe length = 25 m
- Drawworks cable diameter = 30 mm





(MAZ 540)

Characteristics:

Length: 11425 mm

Width: 2885 mm

Height: 2880 mm (for cab) / 3100 mm (for turning the spotlight)

Ground clearance: 500 mm

Wheelbase: 1700 + 2650 + 1700 mm

Rear track: 2200 mm

Front track: 2200 mm

Dmitry Chushkin | dmitrydreamer.livejournal.com

Weight: 21.6 t

Max. speed: 55 km / h

Load capacity:

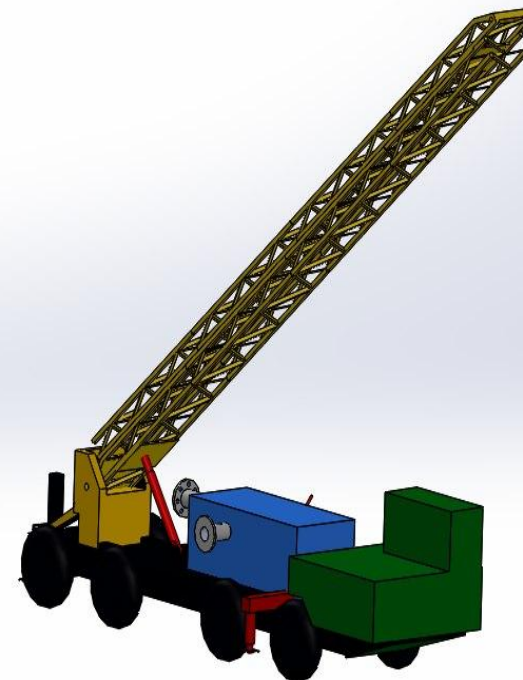
load on the saddle 25 tons,

towing a semi-trailer 65 tonnes

Fuel consumption: 125 l per 100 km

Tank Capacity: 2 × 420 l

4MDR5000

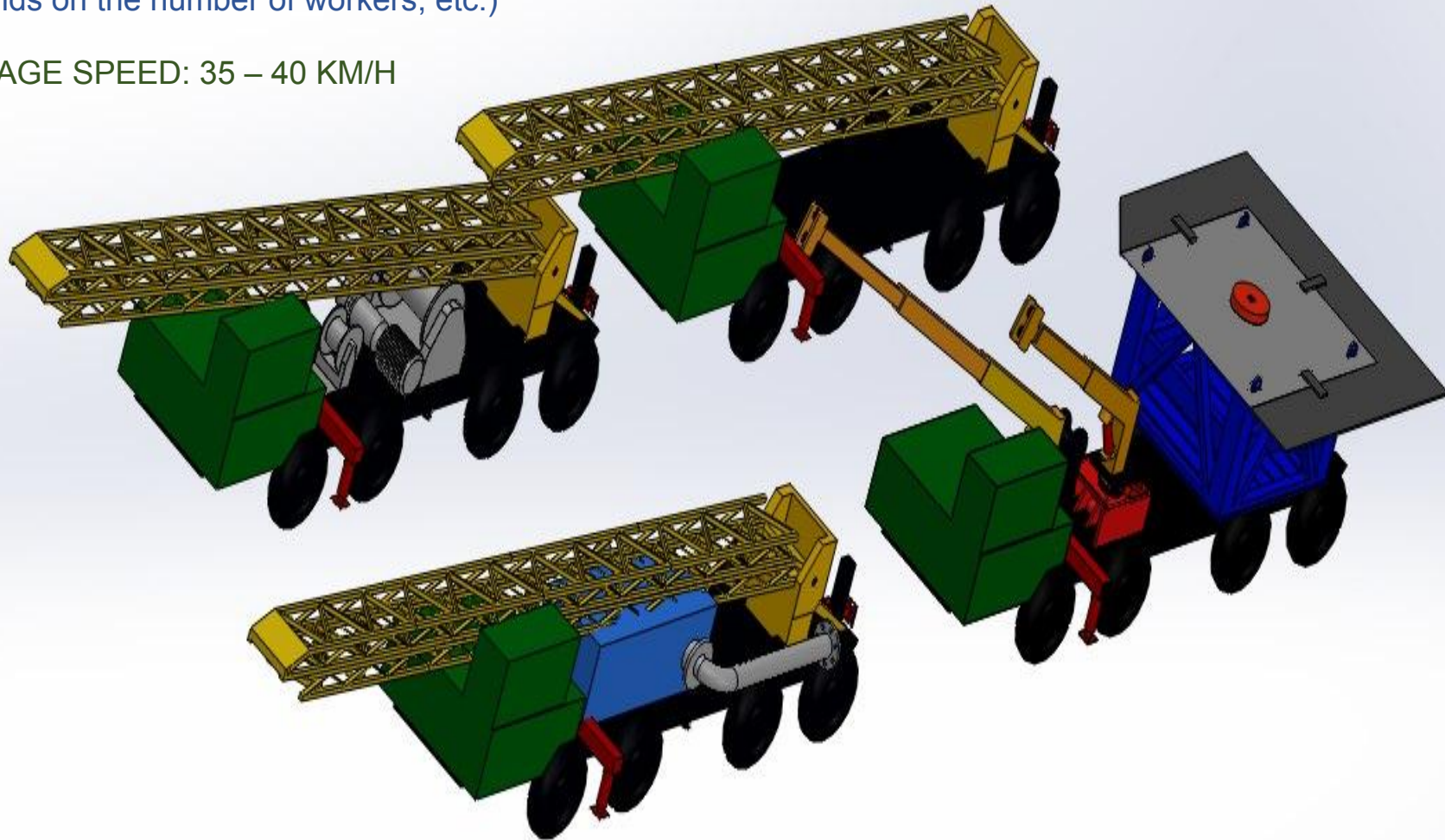


MOBILITY

- APPROXIMATE INSTALL TIME: 12H

(depends on the number of workers, etc.)

- AVERAGE SPEED: 35 – 40 KM/H



- POSSIBILITY OF RAPID MOVEMENT IN THE DRILLING ZONE

ADVANTAGES / DISADVANTAGES

MOBILITY

HIGHT DEMANDS ON INSTALLING SURFACE

HIGHT DEPTH

HIGHT COST

MODULARITY

STRICT WEIGHT REQUIREMENTS

USING STANDART DETAILES

THANK YOU FOR ATTENTION

