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Hybrid Truck Crane

F 82 JIB

HYBRID

The F 82 JIB Hybrid truck-mounted crane combines the power and flexibility of a conventional crane with the efficiency and sustainability of electric technology. This truck has a diesel engine and a crane that can run either on conventional hydraulic power or fully electrically, even with the truck switched off, thanks to its innovative electro-hydraulic power system.

- 360° slewing with twin hydraulic motor
- 7 hydraulic extensions
- JIB with 6 hydraulic and 3 manual extensions
- Stability control

Horizontal reach

18.3 m

Max. lifting capacity

21.5 t

Horizontal reach with JIB

30.1 m

Outrigger spread

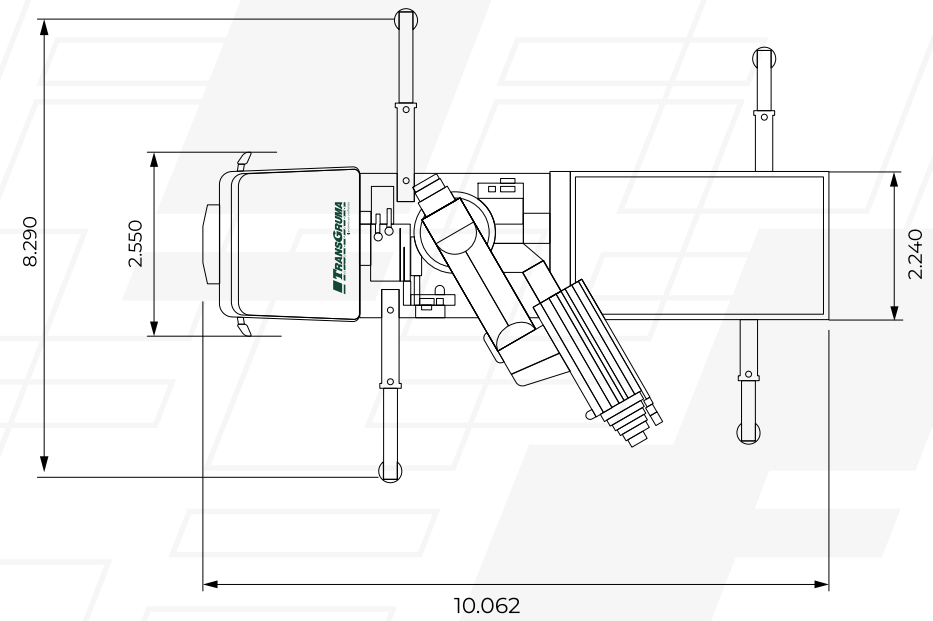
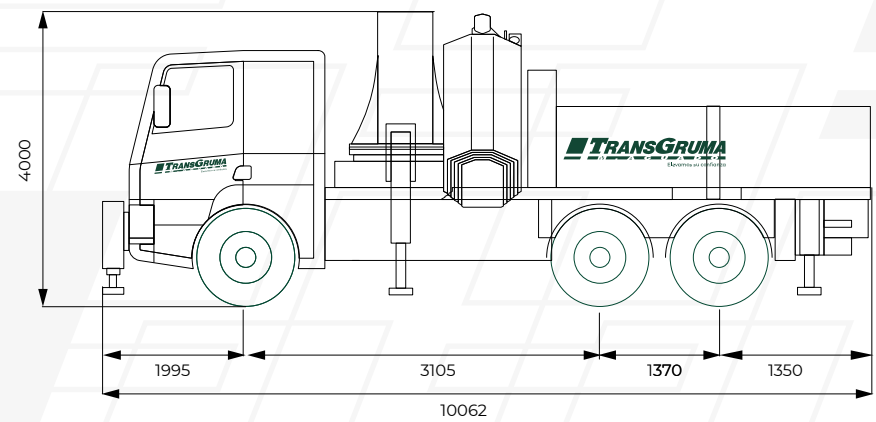
8.2 m

Technical specifications

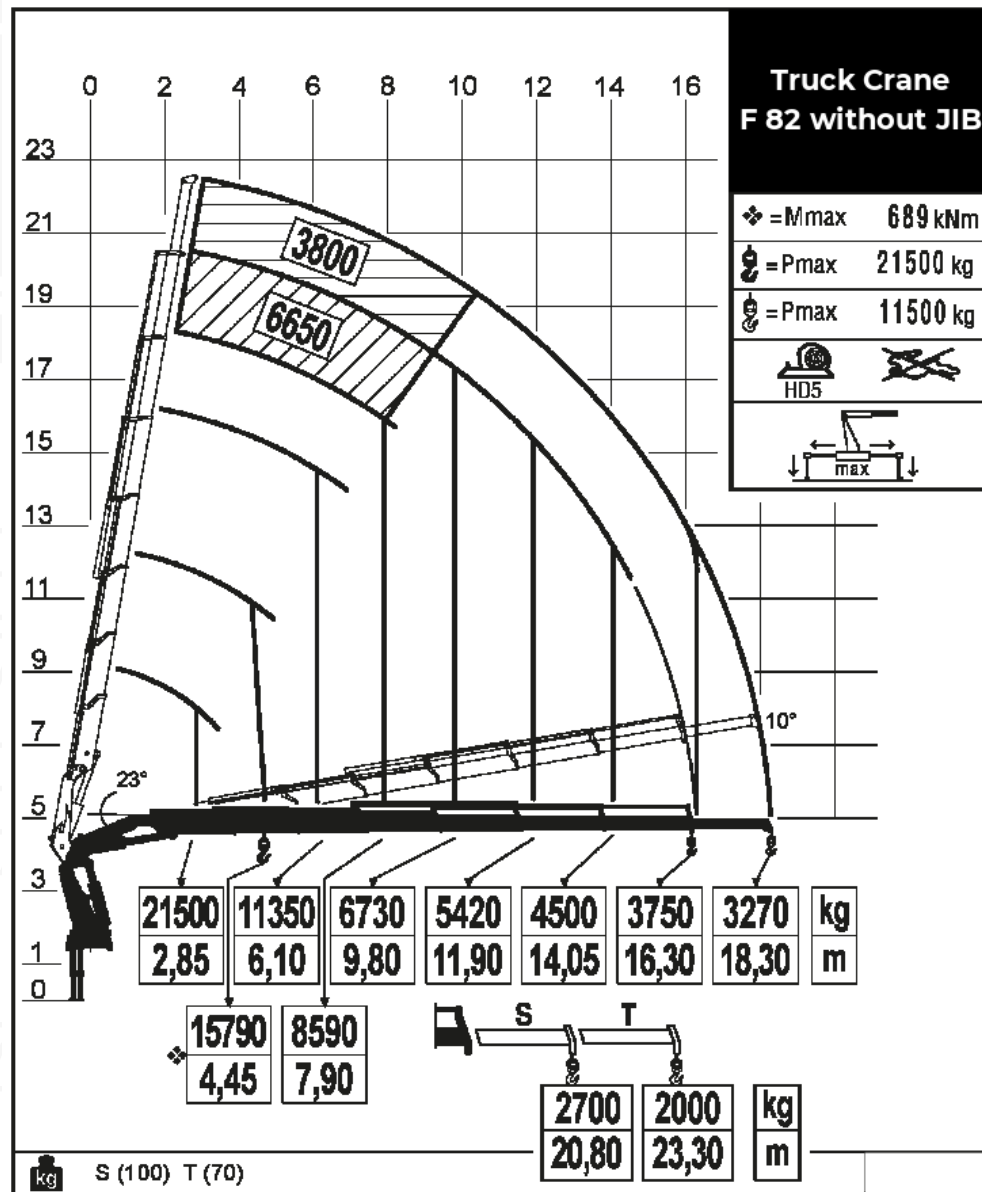
Crane	
Horizontal reach	18.3 m
Horizontal reach with JIB	30.15 m
Vertical reach	22 m
Vertical reach with JIB	34 m
Maximum lifting capacity	21,500 kg
Max. capacity at JIB tip	2,320 kg
Slewing range	360°
Truck	
Overall width	2.55 m
Length	10.062 m
Number of axles	3
Max. weight per axle	9 t
Weight (total unladen)	22,800 kg



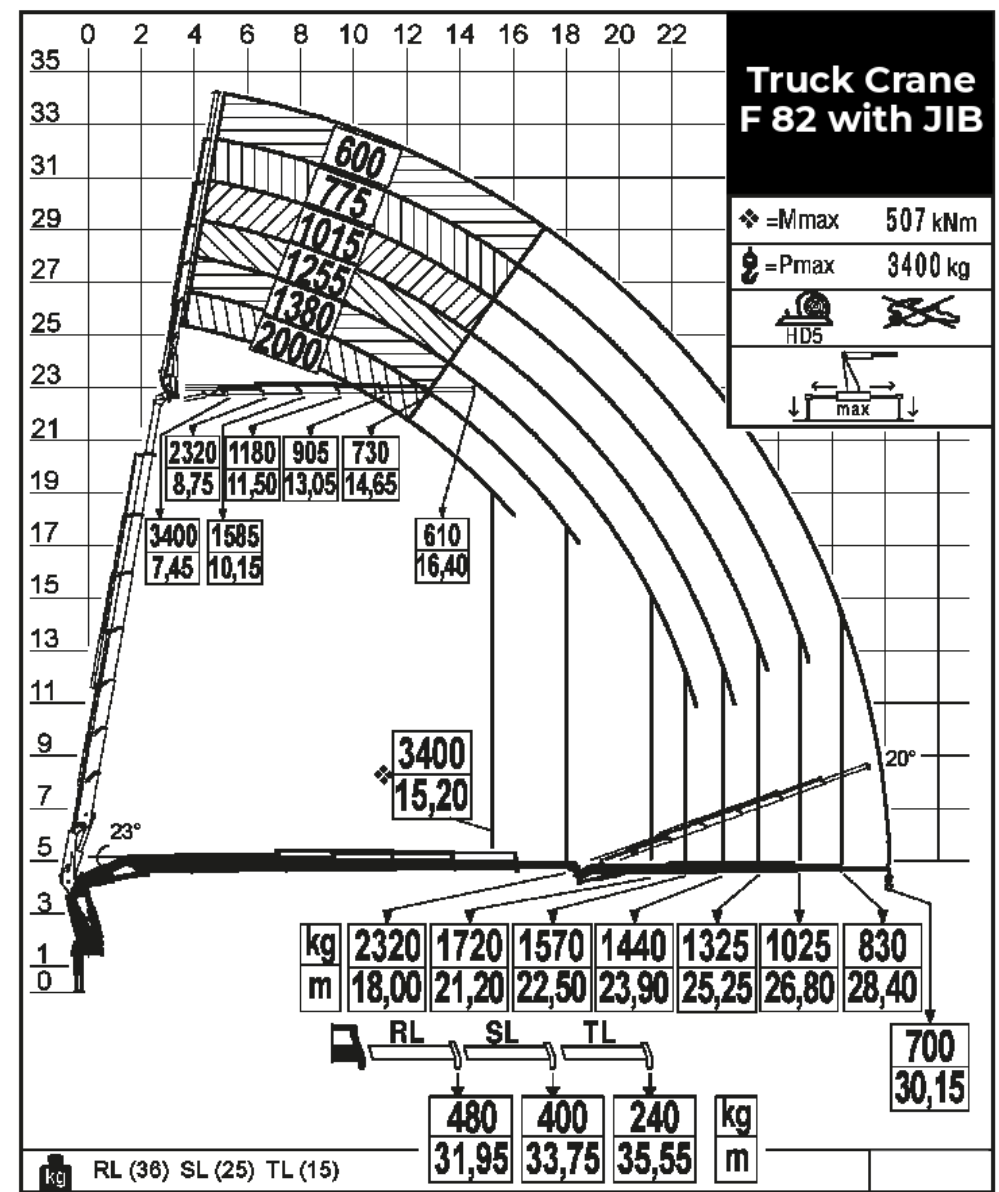
Machine Dimensions



Load diagram



Load diagram with JIB



Electro-hydraulic system

Technical information	Electro-hydraulic system
Integrated panel	Start and stop
Compatibility	Cranes from 40 tm to 90 tm
Motor type	380 / 400 V three-phase motor
Power	15 kW
Current	32 A
Protection rating	IP 67
Dimensions	600 X 1400 (mm)



***A three-phase motor ideal
for indoor work and
quiet environments***