

TECHNICAL DATA FM4060

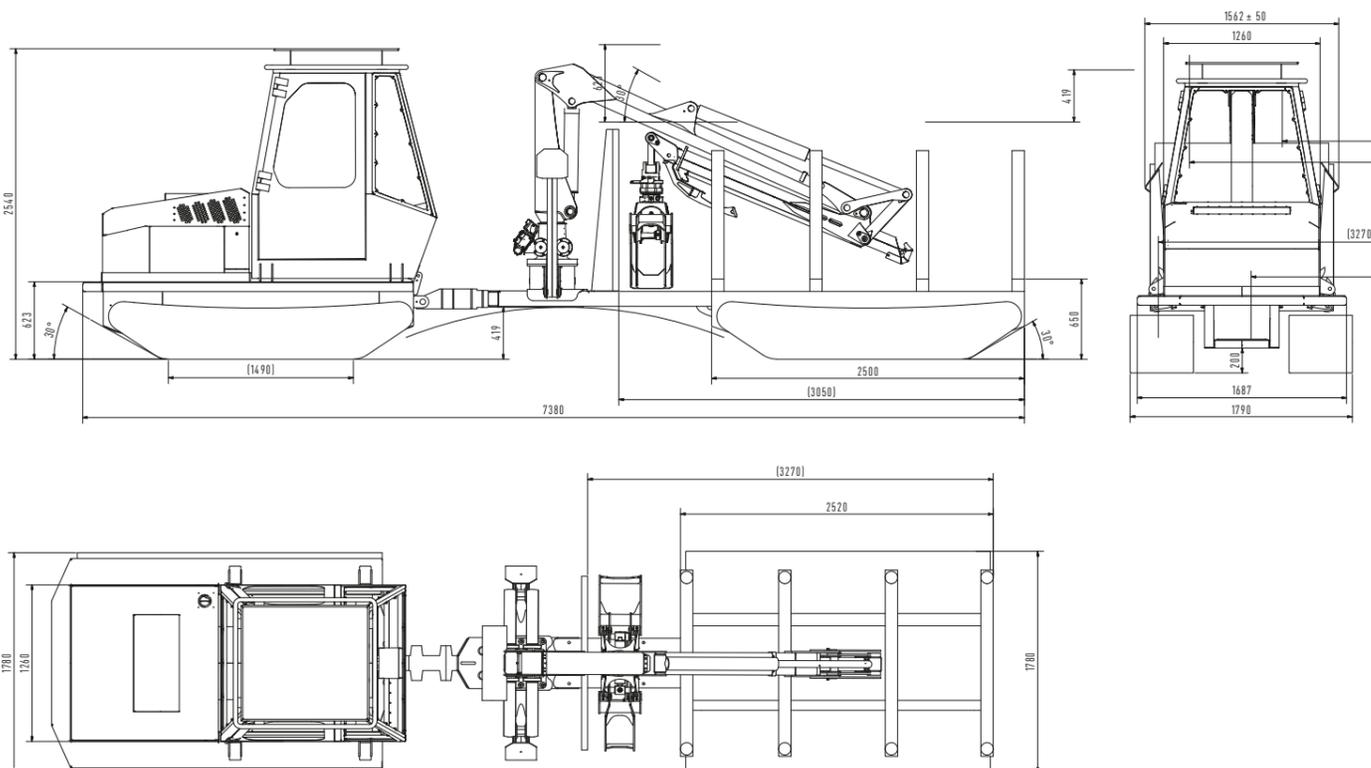
Engine	VM Turbo-Diesel, Common Rail
Effect	55kW/75PS at 2600rpm
Engine torque	310Nm at 1100rpm
Cooling system	Liquid cooled
Homologation	EC97/68 Step 3B
Top speed	12 Km/h
Power transmission	Hydrostatic, 3 speeds
Grapple loader	Part of options, max 4.5mt
Working hydraulic	Danfoss- LS Pump, 100 l/min at 1700rpm
Track width	500mm
Track length on ground	1490mm
Ground pressure	0.25kg/cm ²
Maximum total weight	10500 kg
Largest width, front	1780mm
Largest width, rear	1780mm
Height	2540mm
Length total	7.38 - 7.58m
Ground clearance	200mm
Loading area	4500kg or 4.5 m ³ of wood



**SWISS TRACKED
FORWARDER**
MASCHINENBAU & FORSTARBEITEN

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FM4060

COMPACT, FLEXIBLE, STURDY

The compact and strong tracked forwarder for professional forestry operations. No compromise, minimal damage to the soil, and strong in difficult terrain.



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FORWARDER**
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FM4060

Multifunctional and efficient in all fields of application. Thanks to its loading platform the FM4060 masters diverse tasks. Too wet, too narrow, too steep, ground instability - The FM4060 copes with tasks that other vehicles fail; soil-friendly and profitable in regular as well as in difficult terrain.

6 GOOD REASONS FOR A FORWARDER FM4060



FORESTRY OPERATIONS



WET AREA MANAGEMENT

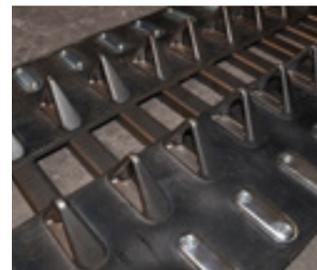


TRANSPORTS



1. The massive chassis

High-strength steel guarantees reliable stability and a long service life. Designed in an optimal way, welded and tested, the chassis is the solid base for the FM4060.



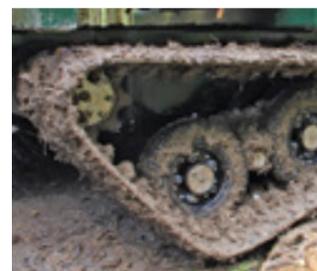
4. The resistant crawler tracks

The crawler tracks used in the FM4060 consist of single forged components, of which some are hardened and thus resistant even on sandy and loamy ground. They are fortified with nylon four times and withstand extremely high tensile strength. Running wheels guide the crawler tracks in any terrain.



2. The intelligent traction drive

The drive includes hydraulic transmission on all four crawler tracks that ensures a lot of power and ideal driving behaviour. Driving up-hill, the traction drive evenly distributes the force on all four crawler tracks. This avoids the slipping of the crawler tracks and the ripping of the soil surface; even with low-profile crawler tracks. Driving down-hill, the parking brakes and the non-slip drive secure a good grip. Driving across the hills is no problem.



5. The flexible chassis

The forwarder masters every terrain and adapts to the soil, because the engine body contains a triple bogie system, and accordingly, the transporting coach holds a double bogie system. All bearings are kept in oil and thus low-maintenance. Thanks to mechanical face seals on both wheels and drive engine, the forwarder is resistant to rocks, water, mud and sand.



3. The separated oil circulation systems

There are two completely separated circulation systems for the hydraulic driving and operating area in order to avoid oil pollution in the sensitive driving area (e.g. caused by changing an aggregate or by hose damage).



6. The solid crane and the fast hydraulic systems

The high-performance crane is driven by a load sensing pump, which allows operating with ideal power efficiency. Leg supports transmit the crane's forces to the ground and prevent the chassis from damage.



Furthermore...

The forwarder is able to run through the natural forest stand; none or only narrow skidder trails are necessary even in first thinning. Thanks to its mobility the forwarder moves according to both stand and terrain, and its low ground pressure avoids damage to the soil even if the

conditions are unfavourable. As a rule of thumb: Where a man can walk without causing damage to the soil, the tracked forwarder FM4060 (be it loaded or on multiple tours) causes no or only little damage.