

MAGIRUS FIREBULL TRACKED FIRE ENGINE



SERVING HEROES. SINCE 1864.

 **MAGIRUS**

FIREBULL TRACKED FIRE ENGINE TECHNICAL DATA

VEHICLE FIGURES

/ Chassis	Kässbohrer Geländefahrzeug AG PowerBully 18T
/ Engine power	231 kW (310 HP)
/ Emission standard	Stage V / Tier 4f
/ Speed	ca. 10 km/h
/ Gross vehicle weight	30,000 kg
/ Ground pressure (at max. total weight)	0.300 kg/cm ²
/ Climbing performance chassis	31° (60%)
/ Maximum chassis inclination (transverse to slope)	21° (40%)
/ Forging depth	1,400 mm
/ Cabine	ROPS / FOPS certified



High off-road capability and agility

TURBINE DATA

/ Power	25 kW (shaft power)
/ Operational pressure water	max. 16 bar
/ Water flow	variable adjustable
- Mode for fine water mist (nozzle head and -ring)	up to 1,500 l/min
- Mode for high water flow (monitor and nozzle ring)	up to 3,500 l/min at 16 bar up to 3,000 l/min at 13 bar
/ Angle of inclination / -rotation	-19° up to +43° / 360°
/ Throwing distance	
- with fine water mist mode (nozzle head)	up to 60 m
- with central monitor	up to 80 m
/ Airflow infinitely adjustable	60,000 m ³ /h (*) / 105,000 m ³ /h

* Net air flow rate through the turbine. The value has not been determined, according to Amca or ULH fair process, which also takes the turbine's external air flow into account. This leads to much greater results, up to 105,000 m³/h.



Minimum ground pressure thanks to caterpillar drive

ALUFIRE3 SUPERSTRUCTURE

/ Volume water tank	9,000 l
/ Volume foam tank	1,000 l
/ Pump capacity	3,000 l/min at 10 bar
/ Variable Magirus AluFire 3 equipment storage system for optimal customisation	
/ Magirus HMI control panel for intuitive operation of the vehicle	
/ Continuous interior, ambient and roof lighting for safe and consistent illumination of the site of operation	



Transport of large extinguishing agent volumes

ADVANTAGES AND BENEFITS

- / Production-ready tracked fire engine combines AirCore extinguishing technology, flexible superstructure and all-terrain chassis for optimum use in vegetation fires
- / AirCore water mist technology enables efficient firefighting and humidification of the vegetation as well as high penetration depths into the vegetation
- / Transport of high extinguishing agent volumes with minimum ground pressure
- / Safe intervention in impassable terrain, peat fires, ground fires, smouldering fires or swampy areas
- / Pump & Roll mode, C coupling at the front, self-protection nozzles and heat protection on the underbody ensure maximum safety for the crew



Large-scale use of wetting agents possible

OPTIONS

- / Double cabin, air conditioning, auxiliary heating, overpressure/filter system for cabin
- / Telemetry
- / Larger tank capacities, high-pressure pump
- / Further equipment and options on request

Illustrations may include additional options. We reserve the right to make technical changes or improvements at any time without prior notice. Errors and omissions excepted.

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