

F59

TECHNICAL DATA



UNDER REALISTIC CONDITIONS AT THE AIR BASE:

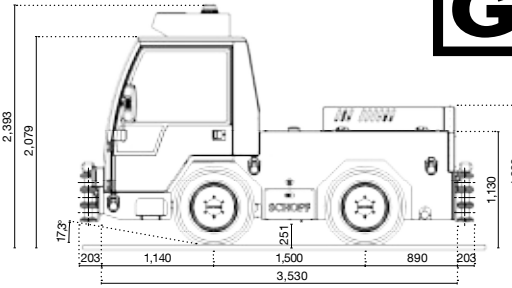
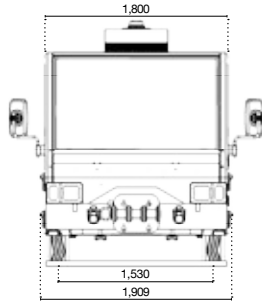
- + The F59 offers best traction based on 4-wheel-drive and equal weight distribution on both axles.
- + Designed to move combat aircraft. This considers operational conditions of wet concrete (friction coefficient $\mu=0,57$), 2-3% apron inclination, and no running aircraft engines.
- + Also heavier aircraft up to 70 tons can be moved, such as the C-130. Apron inclination in this case 1%.
- + If your operation varies from above mentioned scenarios, please contact us and we will provide you with an exact calculation in accordance with your specific operation conditions.

OPERATION WEIGHTS	+ 5 t 6.2t 6.8t
MTOW MAX.	+ 70t
DRAWBAR PULL INSTALLED	+ 45 kN 48 kN
NSN	+ 1740-99-908-7471



FIND OUT MORE
F59

MADE FOR YOUR MISSION



ENGINES

PERKINS 1104D-44T
EU Stage IIIA
US EPA Tier 3
Jetfuel compatible

DEUTZ TD 2011 L04
EU Stage IIIA
US EPA Tier 3
Jetfuel compatible

DEUTZ TCD 2.9 L04
EU Stage V
US EPA Tier 4

- | | | |
|--|--|--|
| <ul style="list-style-type: none"> + Water-cooled + Turbo-charged, 4-cylinders + 57.5 kW at 2,200rpm + 302Nm at 1,400rpm | <ul style="list-style-type: none"> + Water-cooled + Turbo-charged, 4-cylinders + 87 kW at 2,600rpm + 270Nm at 1,600rpm | <ul style="list-style-type: none"> + Water-cooled + Turbo-charged, 4-cylinders + 55.4 kW at 2,600rpm + 375Nm at 1,400rpm |
|--|--|--|



TURNING RADIUS

- + 4,045 mm

TRANSMISSION

- | | |
|---|--|
| <ul style="list-style-type: none"> + 2 forward/2 reverse gears + Inter-axle differential + Graziano PST 2, full-power-shift transmission | <ul style="list-style-type: none"> + Integrated torque converter, electro-hydraulic gear shifting |
|---|--|

AXLES

- | | |
|---|---|
| <ul style="list-style-type: none"> + Front steering axle spring-suspended + Rear axle rigidly mounted | <ul style="list-style-type: none"> + 4-wheel drive |
|---|---|

STEERING SYSTEM

- | | |
|---|---|
| <ul style="list-style-type: none"> + Hydraulic Orbitrol steering + Front wheel steering | <ul style="list-style-type: none"> + Left hand drive |
|---|---|

TIRES

- + Front + rear 8.5 R17.5

BRAKES

- | | |
|--|--|
| <ul style="list-style-type: none"> + Fully hydraulic, maintenance free, enclosed oil-immersed lamella disk brakes on front and rear axle + 2-circuit service brake | <ul style="list-style-type: none"> + 1-circuit failsafe parking/emergency brake on rear axle + Emergency hand pump |
|--|--|

HYDRAULIC SYSTEM

- + Brakes and steering system

ELECTRIC SYSTEM

- | | |
|---|--|
| <ul style="list-style-type: none"> + System 24 V + Alternator 28 V/55 A | <ul style="list-style-type: none"> + Battery capacity 2x12 V/88 Ah + Engine starter 3.5 kW |
|---|--|

CABIN

- + Full-width, all-steel front cabin
- + Two adjustable suspension seats with safety belts
- + Adjustable steering column
- + 2 headlights, low and high beam



OPTIONS EXAMPLES

- | | |
|---|---|
| <ul style="list-style-type: none"> + Air transportable in different types, for example C-130, A400M, IL-76 + Jetfuel compatible upon request + Camouflage light upon request + Additional features upon request + Night vision lights + Carrier version/Navy-MATT version | <ul style="list-style-type: none"> + Various tow hitches like: Hydraulic side-wise moving tow hitch + Winterization kits + Snow plough + Snow brush + Cold-start kits + Heating systems |
|---|---|

GOLDHOFER AIRPORT TECHNOLOGY

Location: Donaustrasse 95, 87700 Memmingen/Germany
Web: www.goldhofer.com, E-Mail: info@goldhofer.com

FLITELINE, LLC

Location: 7401 Riviera Boulevard, Miramar, FL 33023, USA
Telephone: +1 954 433 5617, Fax: +1 954 433 5445
Web: www.flitelineusa.com, E-Mail: info@flitelineusa.com

SALES

Telephone: +49 8331 15-343
E-Mail: sales-defense@goldhofer.com

SERVICE AND SPARE PARTS

Telephone: +49 8331 962 99 99, Fax: +49 8331 15-247
E-Mail: service-airporttechnology@goldhofer.com

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