

# MULAG

*Innovative Technologies for Ground Support Equipment*



# Towing Tractor

# Comet 6





# MULAG Towing Tractor Comet 6

Powerful Performance

Flexible in use

Great agility

## Easy and effective handling is our plus

The Comet 6 is the typical solution in the field of cargo handling and pushback at airports and for demanding industrial applications. Interesting equipment details like the hydraulically suspended seat adjustable to the weight of the driver/co-driver and also adjustable lengthwise and in height, show our claim for ergonomic vehicles as well as the clearly arranged operating controls in the driver's field of vision.



The design of our airport vehicles was based on an independent chassis especially developed for that purpose: Thus we achieve optimal load balance and outstanding dynamical characteristics, as well as quick and easy access to all important service points and components.

## MULAG-Quality makes an impact

Fully developed technology and more than 50 years of experience with the production of airport vehicles combined with the latest technical know-how are complemented by the highest manufacturing quality, certified by DIN EN ISO 9001:2008. Thus we can guarantee high cost effectiveness with the use of our products:

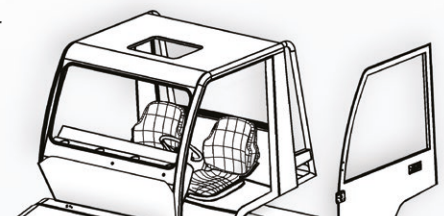
- high availability and reliability
- low cost of maintenance

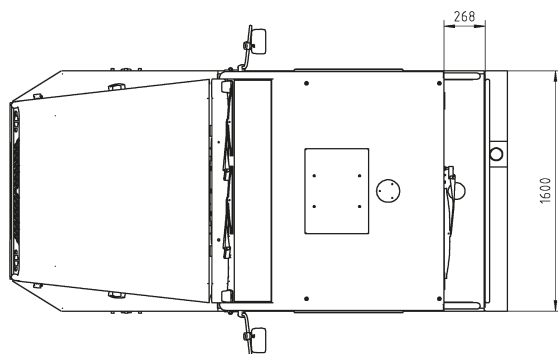
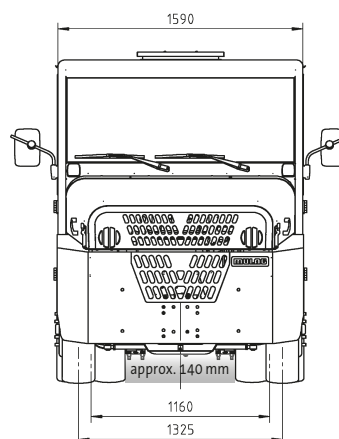
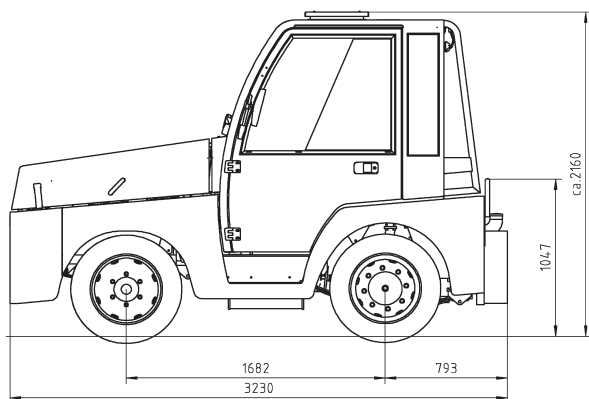
## Your MULAG towing tractor options

Our towing tractors are available in several different basic versions – thus you can always choose your optimal vehicle configuration:

- Closed cab, separately mounted on vibration isolated elements which guarantee the minimization of vibration and noise inside the cab
- Open cab with wind-screen and roof
- Open driver's platform without cab

Configure your MULAG tractor to your needs!





## Comet 6

### Technical Data and Dimensions

#### Engine and Powertrain

<b>Engine*</b>	Watercooled Deutz-Diesel	
	4 cylinders, TD 2012 L04 64 kW / 87 HP at 2500 rpm	4 cylinders TCD 3.6 L4 85 kW / 115 HP at 2300 rpm
<b>Emission standard</b>	EU IIIA	EU IIIB
<b>Transmission*</b>	Automatic Allison 1000	
<b>Drawbar pull</b>	40 kN	45 kN
<b>Pushback operation</b>	up to 50t MTOW (based on IATA)	
<b>Steering</b>	Hydraulic steering system	
<b>Brakes</b>	Power-brake system, disc brake with two calipers each side in front, drum brake in rear, hydraulic spring loaded parking brake	
<b>Front axle</b>	Steering axle fixed in leaf springs with shock absorbers	
<b>Rear axle</b>	differential axle fixed in leaf springs with shock absorbers	
<b>Electrical system*</b>	24 V, battery 2 x 100 Ah	24 V, battery 2 x 64 Ah
<b>Tank capacity</b>	85 l Diesel	
<b>Driving speed</b>	up to 30 km/h	

#### Dimensions and Weights

<b>Dead weight</b>	6000 kg
<b>Length</b>	3230 mm
<b>Width</b>	1600 mm
<b>Height (top of cab)</b>	2160 mm
<b>Wheel base</b>	1682 mm
<b>Track width front/rear</b>	1325 mm / 1160 mm
<b>Ground clearance</b>	140 mm
<b>Turning radius</b>	4000 mm (outer wheel)
<b>Wheels/tires</b>	205/65 R 17.5

\*other technical equipment on demand

#### Serial Equipment

- Robust industrial engine
- Wear-proof differential axle
- Transmission with electrical protection against improper handling
- Hydraulic steering system
- Hydraulic dual circuit power-brake
- Hydraulically ventilated parking brake acting on rear drum brake
- 5-fold trailer coupling at the rear (others upon request)
- 2 outside rear view mirrors
- Hydraulically suspended driver's/co-driver's seat, individually adjustable
- Safety belt
- Adjustable steering wheel
- Roof light\*\*
- Wiper-washing system (front and rear)\*\*\*
- Sun shield for driver\*\*
- Fuel gauge
- Working hour meter
- Emergency switch-offs
- Brake pad wear indicator

\*\*with closed cab

\*\*\*only front with open cab

We provide many interesting equipment details – and quite often as serial equipment.





# Comet 6

## Comet 6 – strong Performance for Ground Support at Airports

With the powerful design of the Comet 6 its application as pushback and towing tractor or industrial tractor is extremely economical and efficient: All Ground Support tasks at airports are accomplished powerfully and fast!

The high quality of workmanship reduces long down times and service cycles to a minimum – efficiency and economy on duty at airports!



### At MULAG service comes first

Even the best vehicle design is of no avail without a strong and efficient after-sales service during the whole lifecycle of a vehicle. This is where MULAG comes into play, with a reliable and quick supply of information and spare parts for our customers – you can count on us!

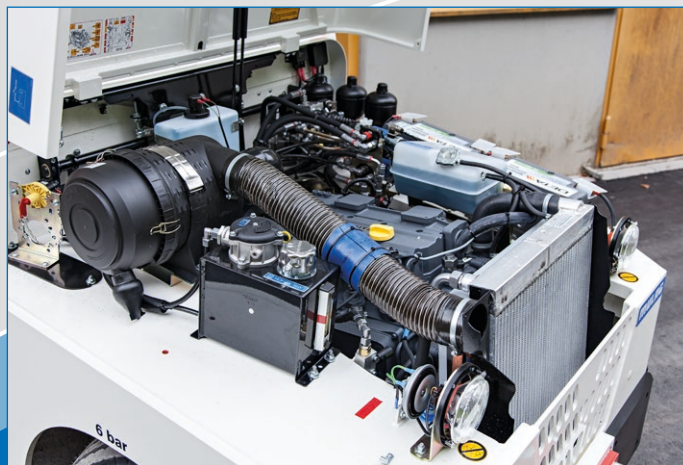
### High-Tech is our crucial advantage!

The use of high-grade industrial components instead of standard components is crucial for the reduction of down times and need for service of our vehicles to a minimum! Overdimensioned power and loading capacities result in high reliability and safety – well known to our customers worldwide as MULAG Quality.

### Our achievements in Ground Support are convincing!



Available with many cab-options for all purposes



Powerful Diesel-engine with external oil-/water-cooler



The power-machine in the field of cargo handling – Comet 6

# MULAG

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