



[EuroCompact G3
- More payload, more loading area, more compact

EuroCompact G3

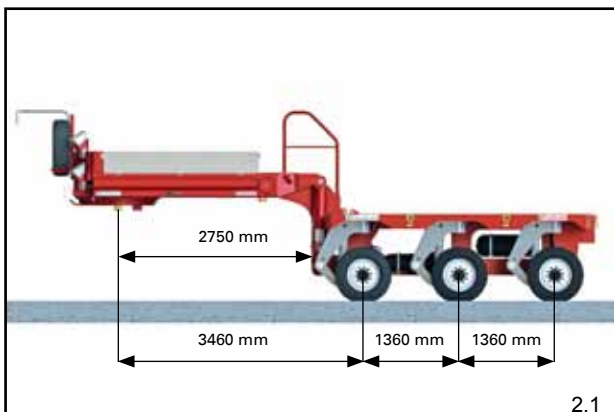
- from SCHEUERLE and NICOLAS

The new G3 generation of the EuroCompact stands out through many new technical highlights. The further development of the EuroCompact G3 range from SCHEUERLE and NICOLAS features the latest technological highlights which play a very important role regarding maximum profitability for haulage contractors. The EuroCompact G3 has been designed even more compact than before. This was made possible by an off-set coupling between the axle lines of the dolly trailer unit at the front and the rear. In the construction, great

attention was paid to realising a particularly wide and distinctive boom recess, positioned very low above the surface of the road, for the rear trailer unit. This also allows the vehicle to accommodate very wide and high excavator arms. The EuroCompact G3 has a very good tare weight. The increase in payload capacity results primarily from weight optimisation applied over the entire vehicle. In addition, the compact design allows a larger loading area with an unchanged overall length as well as a high degree of manoeuvrability.

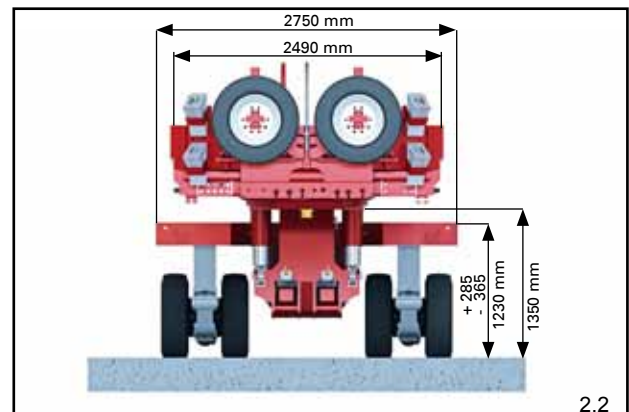
Advantages

- Extreme compact
- Wide boom recess of 900 mm - 1,135 mm
- High manoeuvrable
- Solid design for a long life time
- Easy and safe handling
- Certified lashing rings
- Minimal weight for maximal payload
- Low maintenance costs
- Optimized components combinable to multi variability
- Full integrated electric PPU available
- Also available with 285/70-R19.5 tyres



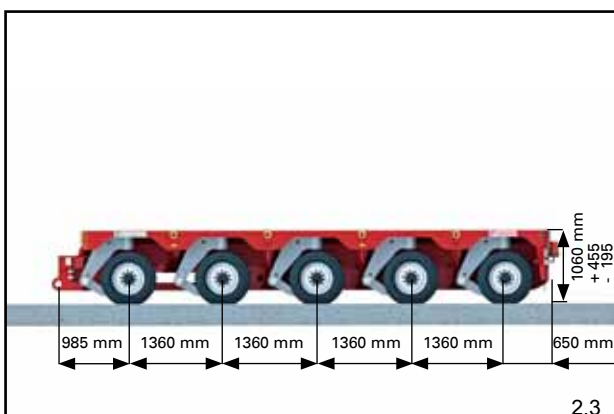
2.1

Very short distance between king pin and first axle line of dolly trailer



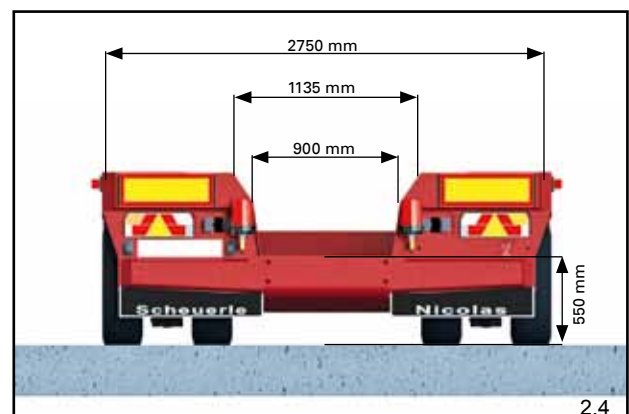
2.2

Available as compact dolly or detachable gooseneck



2.3

Distance between axles of 1,360 mm for a compact trailer length



2.4

Wide boom recess of minimum 900 mm with a low bottom side of 550 mm

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Technical data

Technical data at speed of 80 km/h	approx.	Semitrailer combinations						
		0+3	0+4	1+3	2+4	2+5	3+4	3+5
Total weight	kg	61,000	73,000	73,000	97,000	109,000	109,000	121,000
Dead weight	kg	20,100	22,220	23,030	26,220	28,200	28,170	30,150
Payload	kg	40,900	50,780	49,970	70,780	80,800	80,830	90,850
5th wheel load switched on "high" (switched on "low" 21,500 kg)	kg	25,000						
5th wheel load (at a speed of 10 km/h)	kg	35,000			26,000			
Axle load	kg	12,000	12,000	12,000	12,000	12,000	12,000	12,000
Length from king pin to rear end	mm	12,380	13,740	13,380	15,840	17,200	17,200	18,560
Vehicle total width	mm	2,750	2,750	2,750	2,750	2,750	2,750	2,750
Loading length of deck retracted	mm	5,080	5,080	5,080	5,080	5,080	5,080	5,080
Loading length of deck extended (increments 500 mm)	mm	7,780	7,780	7,780	7,780	7,780	7,780	7,780

All measures, weights and loads refer to the combination's basic version with the extendable excavator deck and the dolly combinations with the compact dolly and 245/70-R 17.5 tyres.



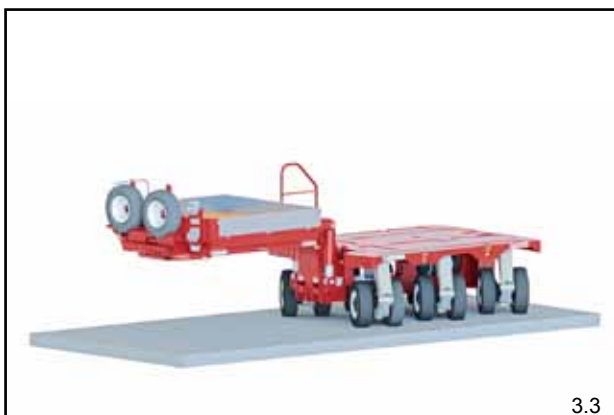
3.1

Large pendulum angle and high compensation stroke of 650 mm for uneven terrain



3.2

Compensation stroke of 650 mm also on the rear trailer for a long product life



3.3

Advantageous steering angle of 65° on the front dolly for high manoeuvrability



3.4

Steering angle of 60° on the rear trailer for an excellent driving behavior

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- optimized components combinable to multi variability

1. Gooseneck



4.1

Retractable gooseneck with hook coupling

The advantage for operator starts with the large selection of compact dollies, dolly trailer and platform trailers with wide boom recess in different numbers of axle lines and permissible axle loads. Thus it is possible to create the optimal combination to match the specific needs as well as providing a quick, uncomplicated and - above all - cost-effective vehicle for use in the demanding segment of heavy and special transportation. The new EuroCompact G3 generation is also available with 285/70-R19.5 tyres and a resultant axle load of 13,4 t at 80 km/h and a compensation stroke of 650 mm.

2. Compact Dollies



4.2

1-axle compact dolly with hook coupling



4.3

2-axle compact dolly with hook coupling



4.4

3-axle compact dolly with hook coupling

3. Dollytrailers



4.5

1-axle dolly trailer with front and rear hook coupling



4.6

2-axle dolly trailer with front and rear hook coupling



4.7

3-axle dolly trailer with front and rear hook coupling

4. Platformtrailers with boom recess



4.8

3-axle platform trailer with boom recess



4.9

4-axle platform trailer with boom recess



4.10

5-axle platform trailer with boom recess

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- variations of decks for all load cases



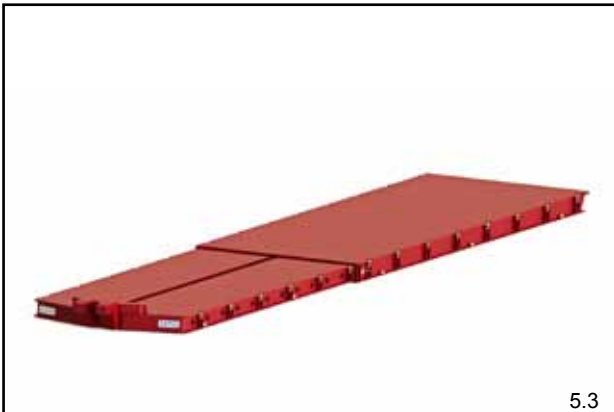
5.1

Telescopic and non-telescopic excavator decks with a height of 350 mm up to 500 mm



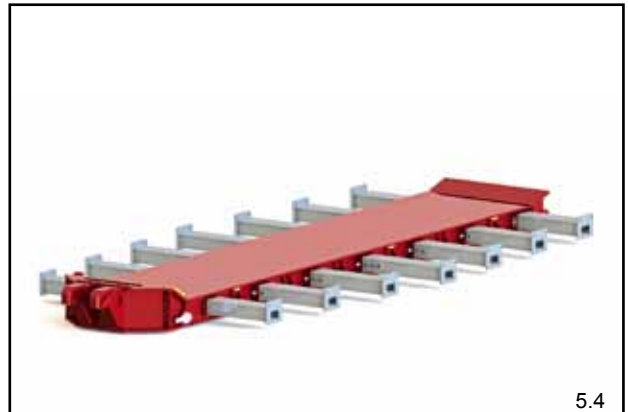
5.2

Weight optimized telescopic excavator decks with a height of 350 mm up to 500 mm



5.3

Very low telescopic flat bed decks for a very low loading height



5.4

Special decks for all specific customer requirements



5.5

Variable decks available as excavator deck...



5.6

... or as portal deck for the use of different loads

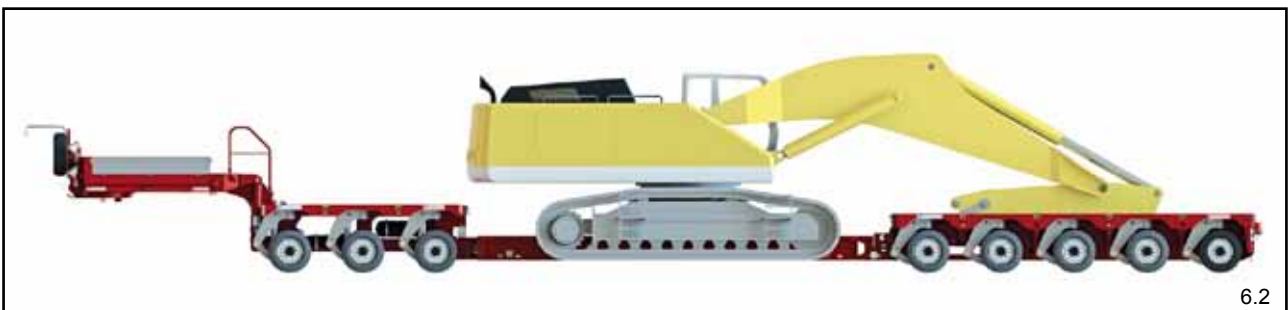
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- minimal weight - for maximal payload

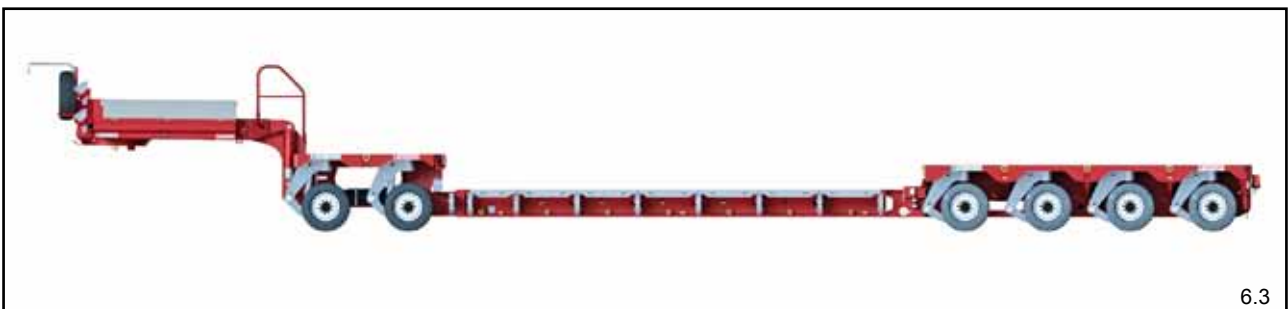
Combinations with directly coupled gooseneck	Payload	
	Gooseneck + Deck + 3-axle platformtrailer with boom recess	approx. kg
Gooseneck + Deck + 4-axle platformtrailer with boom recess	approx. kg	*50,780



Combinations with dollytrailer	Payload	
	Gooseneck + 1-axle dollytrailer + Deck + 3-axle platformtrailer with boom recess	approx. kg
Gooseneck + 2-axle dollytrailer + Deck + 4-axle platformtrailer with boom recess	approx. kg	*69,480
Gooseneck + 2-axle dollytrailer + Deck + 5-axle platformtrailer with boom recess	approx. kg	*79,500
Gooseneck + 3-axle dollytrailer + Deck + 4-axle platformtrailer with boom recess	approx. kg	*79,480
Gooseneck + 3-axle dollytrailer + Deck + 5-axle platformtrailer with boom recess	approx. kg	*89,500



Combinations with compactdolly	Payload	
	1-axle compactdolly + Deck + 3-axle platformtrailer with boom recess	approx. kg
2-axle compactdolly + Deck + 4-axle platformtrailer with boom recess	approx. kg	*70,780
2-axle compactdolly + Deck + 5-axle platformtrailer with boom recess	approx. kg	*80,800
3-axle compactdolly + Deck + 4-axle platformtrailer with boom recess	approx. kg	*80,830
3-axle compactdolly + Deck + 5-axle platformtrailer with boom recess	approx. kg	*90,850



6 *) The payload calculation is based on the specific combination with a 5th wheel load of 25,000 kg at 80 km/h an axle load of 12,000 kg at 80 km/h and a telescopic excavator deck of 8,000 kg including outriggers and supporting elements.

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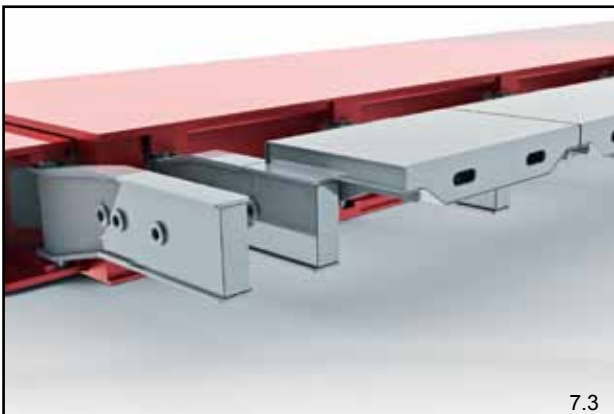
- easy and safe handling



7.1
High number of lashing rings LC 13,4 t and threads M36 for screwable lashing points



7.2
Lashing rings with LC 13,4 t capacity all 1,000 mm along the deck



7.3
Lightweight and rigid supporting elements and reversible outriggers



7.4
Variable front coupling for different deck heights from 350 mm up to 500 mm

Options

- Re-steering with cable remote control or radio control
- Rear view camera at the vehicle rear and monitor for assembly in the operator's cab
- Air pressure connection to the on-board pneumatics to allow operation of a pneumatic wrench

Accessories for the gooseneck:

- Full integrated electric PPU with a power of 4,5 kW, a volume flow rate of 15 l/min and an operating pressure of 280 bar
- Detachable liftgates on all four sides
- Spare wheel holder with spare wheel
- Lockable tool box



7.5
Full integrated electric PPU within the installation box of the gooseneck

Competence

- The TII Group at a glance

SCHEUERLE, NICOLAS and KAMAG are subsidiaries of the TII GmbH – Transporter Industry International. The TII Group is a global leader in developing and manufacturing top class heavy goods vehicles and is part of the group of companies owned by the Rettenmaier family from Heilbronn, Germany. Multi-entrepreneur Senator E. h. Otto Rettenmaier expressed his fascination with technology by acquiring SCHEUERLE Fahrzeugfabrik GmbH in 1987. NICOLAS Industrie S.A.S was acquired in 1994, and ten years later KAMAG Transporttechnik GmbH & Co. KG. Many years of technical know-how allow the TII Group to set international standards with its heavy goods vehicles.

The heaviest transport of more than 15,000 tons earned SCHEUERLE and KAMAG vehicles an impressive world record. Offshore and aerospace industries, shipyards, plant engineers, iron and steel works, as well as heavy load carriers, count on the transport technology of the TII Group, whose sales and service offer a global presence and comprehensive local support for its customers. All international sales activities for SCHEUERLE, NICOLAS and KAMAG products are handled by TII SALES – Transporter Industry International Sales GmbH & Co. KG.

Examples of our product range



8.1
Offshore & Plant Construction



8.2
Shipyard Industry



8.3
Road Transport



8.4
Special Applications



8.5
Air & Space Industries



8.6
Road Transport / Industry



8.7
Metallurgy



8.8
Military



8.9
Bridge & tunnel construction



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