

## Axle load calculation City Suction 4x2

### Customer information

Suction	City dino	
dredger NR.		
Customer		
Date		

### General chassis information

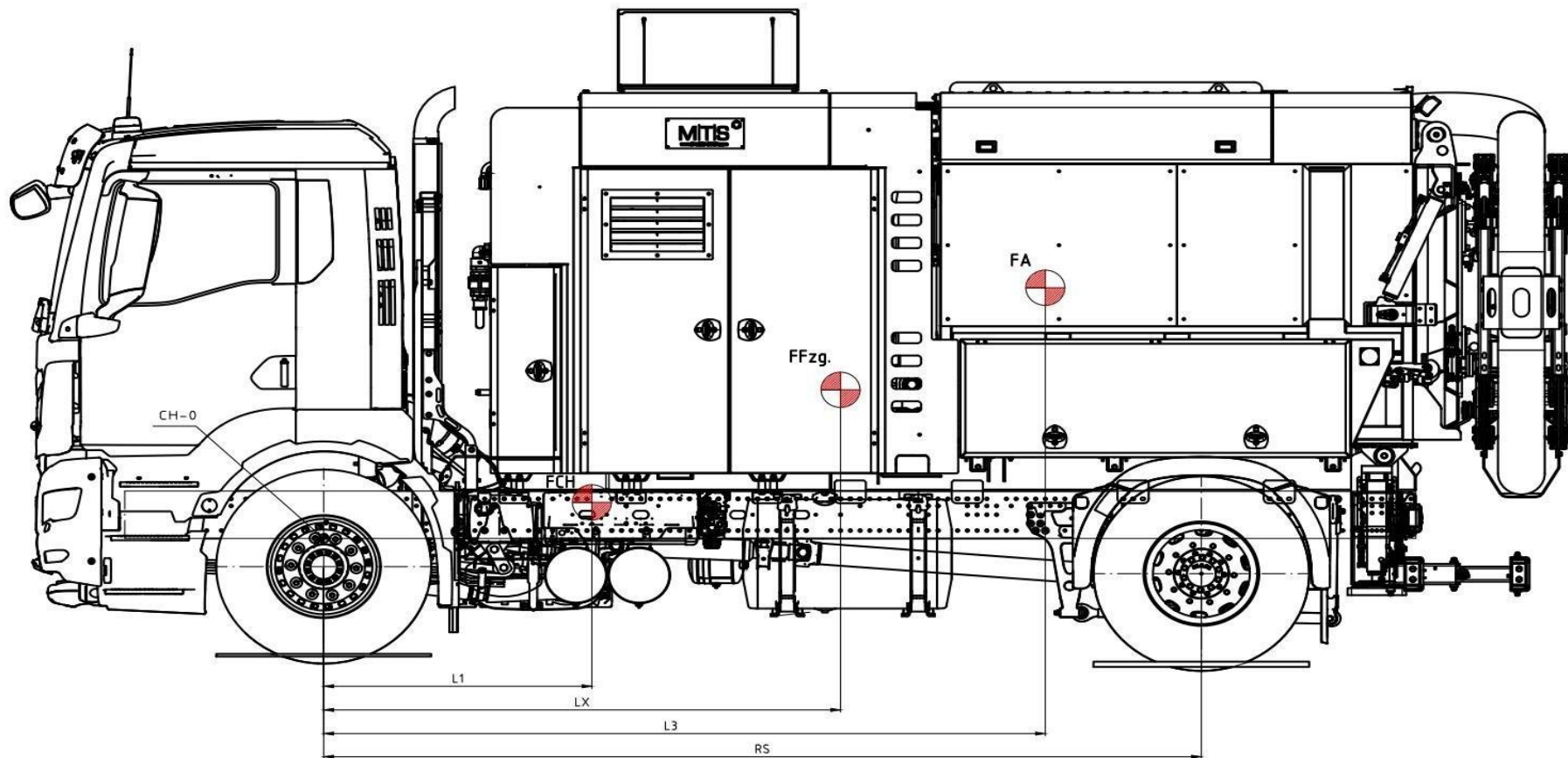
Vehicle manufacturer	Vehicle	
type Chassis number		
Gross vehicle weight rating (country-specific)	18000	Kg
Technically permissible gross weight	21000	Kg
Wheelbase (1st axle - 2nd axle) <b>RS</b>	3800	mm

Total weight chassis <b>FCH</b>	<b>5477</b>	Kg
Total weight MTS body <b>FA</b>	<b>7883</b>	Kg
Total weight Total vehicle <b>FFzg.</b>	<b>13360</b>	Kg
Chassis centre of gravity (chassis only) <b>L1</b>	<b>1318</b>	mm
Body centre of gravity (body only) <b>L3</b>	<b>3143</b>	mm
Vehicle centre of gravity (chassis + body) <b>LX</b>	<b>2395</b>	mm

Weights (Kg)	1st axle2	. Axis3	. Axis4	. Axle	Total	(technical)
Technically permissible axle load	7100	11500	N/A	N/A	<b>18000</b>	<b>21000</b>
Tare weight chassis* (vehicle specification)	3578	1899	N/A	N/A	<b>5477</b>	<b>5477</b>
Payload/saddle load	<b>3522</b>	<b>9601</b>	N/A	N/A	<b>12523</b>	<b>15523</b>

\*incl. driver, tank 90% and ready to drive according to European Directive 97/27/EC

Axle loads Kg (chassis with body)	Front axle		Rear axle		Total	
Total weight according to weighing	4940	69,58%	8420	73,22%	<b>13360</b>	71,83%
certificate Theoretical loading weight (FL)	<b>2160</b>	30,42%	<b>3080</b>	26,78%	<b>5240</b>	28,17%
	<b>7100</b>	100,00%	<b>11500</b>	100,00%	<b>18600</b>	100,00%



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Suction dredger NR.

Customer

Date