

# Terminal Trailer 45'

## User Guide



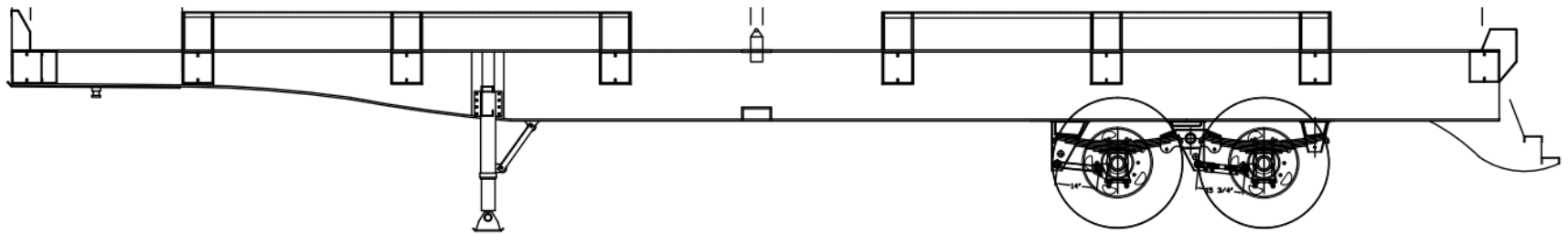
## Table of Content

- **Physical Characteristics**
- **Main Parts**
- **Maintenance Plan**
- **Analysis of Load Capacity**
- **Turning Capacity**

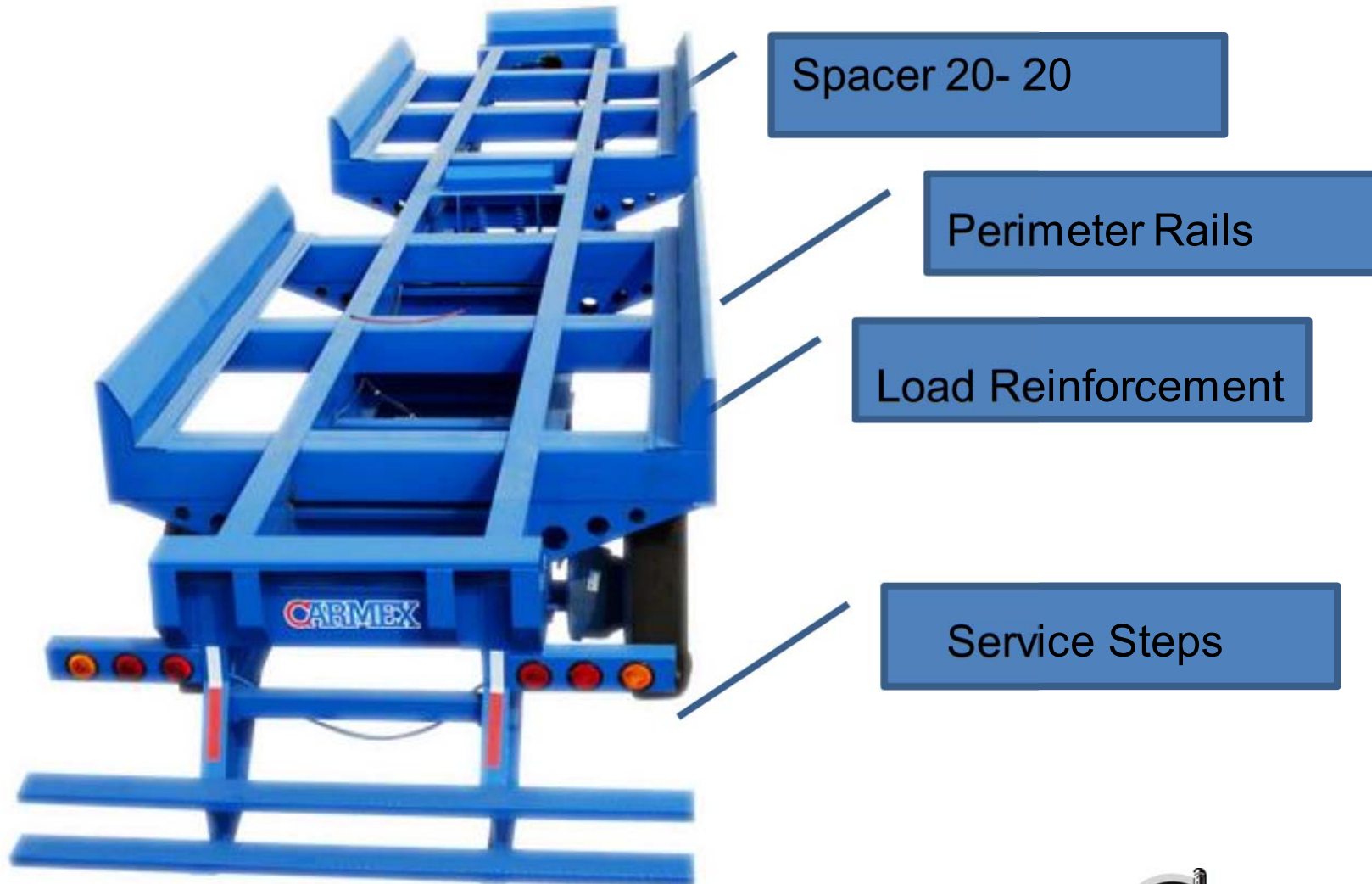


## GENERAL DIMENSIONS

Height: 1.50 mts		Width: 2.6 mts	Lenght: 43 ft.	Capacity: 60 Tons
Item	Qty	Description		
Platform Manufactured in:	1	STRUCTURE: ¼ inch A36 Regular Steel on main frame, Lower and Upper Sill Cal 5/8 " 50KSI. Interior supports with side structural reinforcements in Structural Canal, Holland King Pin 1/2".		
Landing Gear	1	Mechanical Dual Speed Model Mark Holland Mark V with Capacity of 180,000 Lbs Stationary each		
Type of suspension and axles	2	Spring Carmex 30/30 suspension system, Axles 30KP, Unimount type with Straight Shank, equipped with Double Booster (emergency brake) and Self-adjusting Slack Adjuster. Preparation for ABS brakes included.		
Brake System	1	According to current regulations SCT / DOT 121, with Double Booster, ABS ring gear brake, line and Emergency Service. Tanks for Regulatory Air Brakes and Suspension System.		
Lights	1	Regulations in accordance with current regulations SCT / DOT, 7-way connector, and lamps with LED technology		
Painting	1	Sand Blasted, High Solids Epoxy primer and Polyurethane Enamel for protection and shine.		
Splitter Device	1	Included central splitter		



## Main Parts



## Main Parts

Front Stop

Service Steps



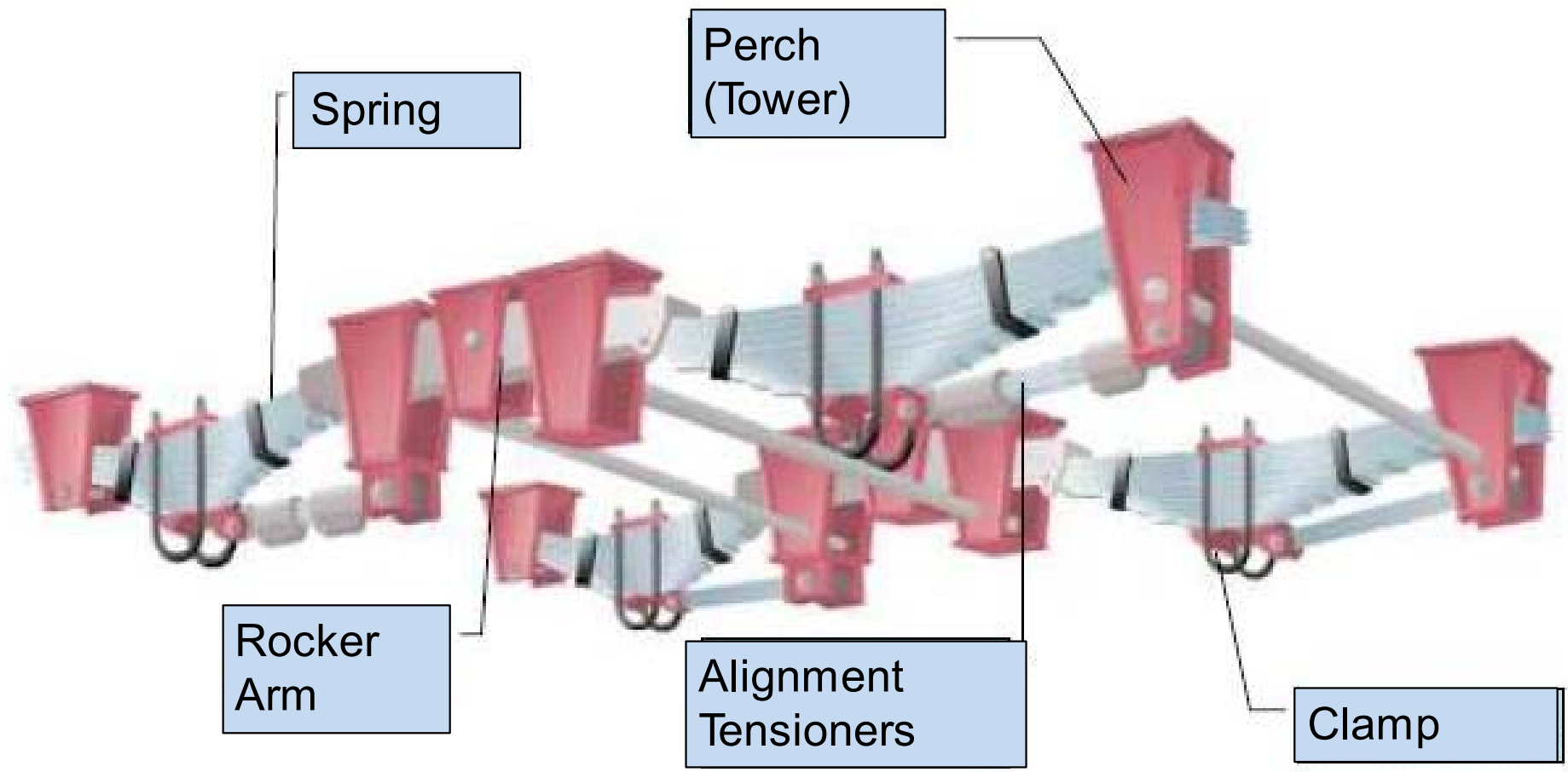
Service Panel (Air & Light)



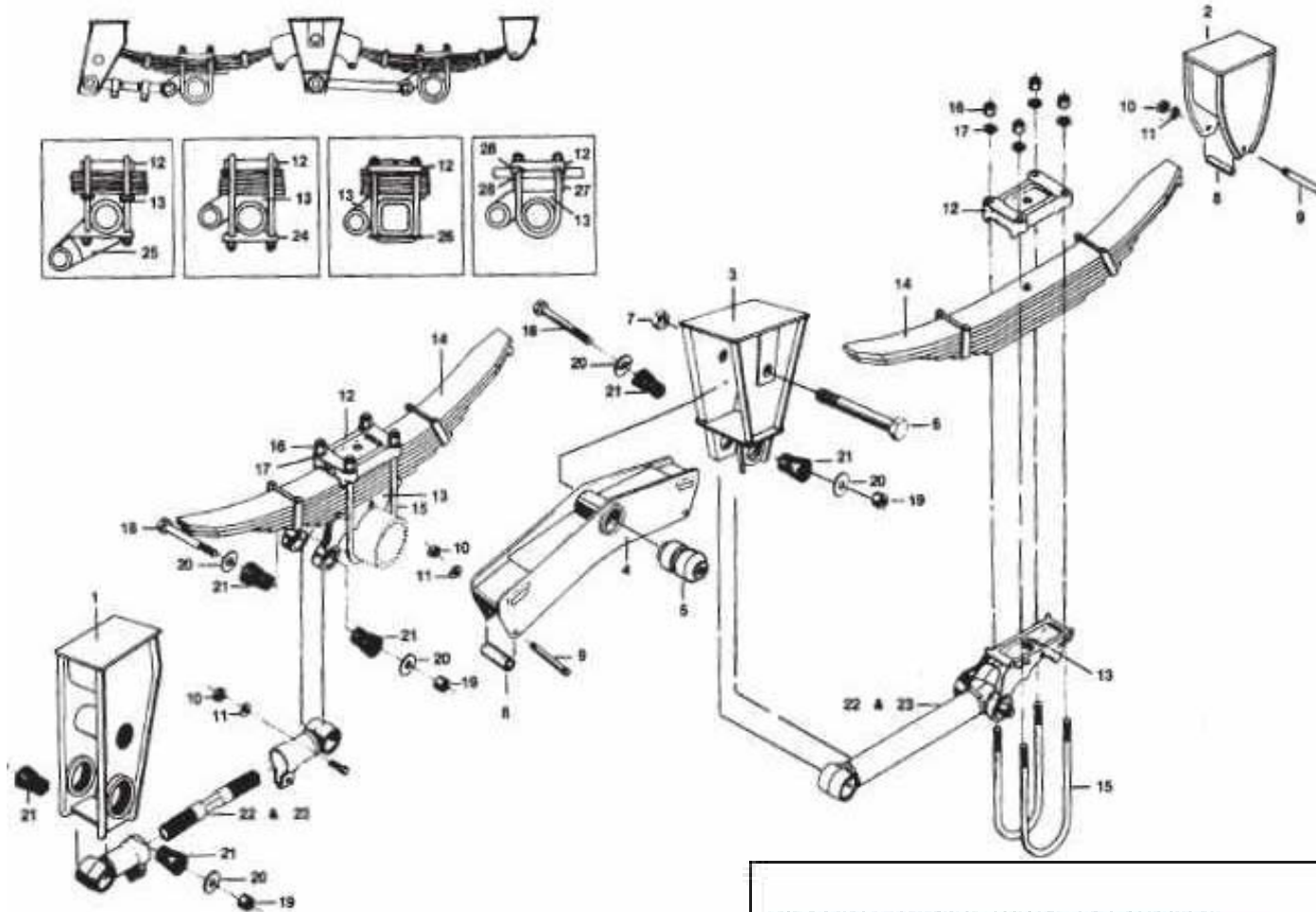


## Main Parts

### Spring Suspension



## Detailed Parts Suspension

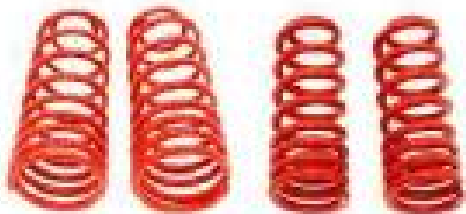


	FT/LBS	N.M.
U-BOLT NUTS-STEEL SPRINGS	300/325	410/440
U-BOLT NUTS-COMPOSITE SPRINGS	250/275	340/375
EQUALIZER SHAFT NUT 1-1/4"	575/625	780/850
TORQUE ARM BOLT NUTS 1"	140/160	220/275
TORQUE ARM CLAMP NUTS 5/8"	125/150	170/200
SPRING RETAINER NUTS 1/2"	70/80	95/110

## Main Parts



Rocker Arm



Spring Spacer



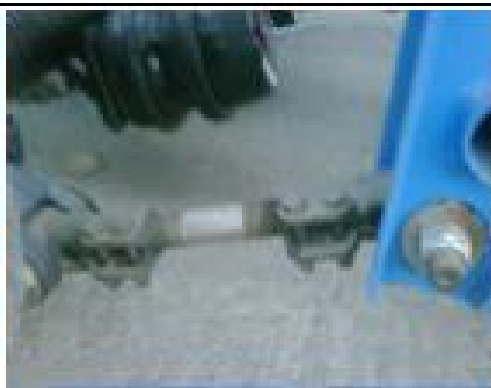
Back Step



Service Panel



Fixed Tensioner



Adjustable Tensor



Spring



Bushing





## Maintenance Program

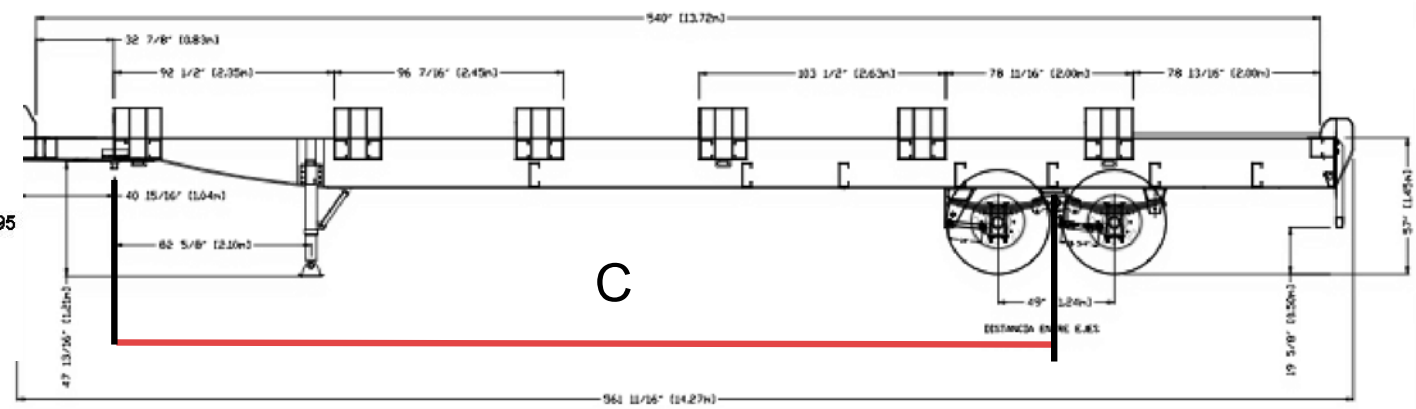
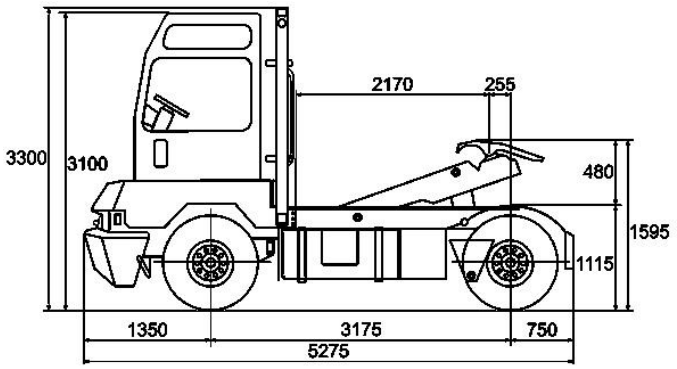
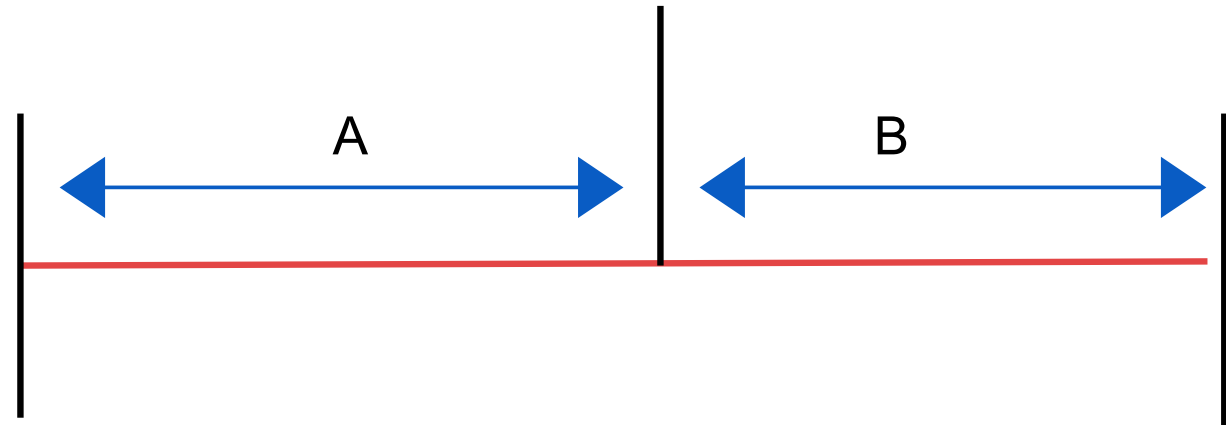
	FRECUENCIA
REVISION DE BALATAS	20 000 KM
REVISION NIVELES DE ACEITE EN MAZAS	10 000 KM
REVISION RETEN DE ACEITE	20 000 KM
REVISION TUERCAS Y BIRLOS MAZA	20 000 KM
REVISION MATRACAS Y AJUSTE DE BALATAS	20 000 KM
REVISION FLECHA GAVILAN	20 000 KM
REVISION VISUAL GENERAL	5 000 KM
APLICAR GRASA EN CADA UNA DE LAS GRASERAS	20 000 KM
<b>SUSPENSION:</b>	
REVISION TORQUES ABRAZADERAS	5 Y 10 000 KM
REVISION TORQUES TORNILLO ALINEACION	20 000 KM
REVISION TORQUES BOLSAS(SUSPENSION AIRE)	20 000 KM
REVISION TORQUES AMORTIGUADORES(SUSPENSION AIRE)	20 000 KM
REVISION DE TENSORES, TORNILLERIA EN GENRAL	
REVISION VALVULA NIVELADORA(SUSPENSION AIRE)	20 000 KM
REVISION VISUAL GENERAL DE MANGUERAS Y CONECTORES	10 000 KM
<b>LLANTAS:</b>	
REVISION PRESION	1 000 KM
REVISION VALVULAS	5 000 KM
REVISION VISUAL GENERAL DESGASTE	10 000 KM
TORQUE EN TUERCAS 500 FT-LBS	10 000 KM
ROTACION DE LLANTAS	20 000 KM
<b>CHASIS</b>	20 000 KM
REVISION CARGADORES INTERMEDIOS	20 000 KM
REVISION PERNO REY Y PLANCHUELA	20 000 KM
REVISION VISUAL GENERAL	20 000 KM
<b>LUCES:</b>	
PROBAR CUARTOS	20 000 KM
PROBAR DIRECCIONAL IZQ Y DER	20 000 KM
PROBAR ALTO (STOP)	20 000 KM
REVISION VISUAL GENERAL DE PLAFONES	20 000 KM
<b>SISTEMA DE FREIOS (PNEUMATICO):</b>	
PROBAR SISTEMA CON TRACTOR APLICANDO FRENOS	5 Y 10 000 KM
REVISION AJUDITIVA DE FUGAS DE AIRE	5 000 KM
REVISION GENERAL AMARRE DE MANGUERAS	5 000 KM
REVISION VISUAL GENERAL	5 000 KM
PURGAR TANQUE DE AIRE	DIARIAMENTE



# Capacity

## Loadcenter

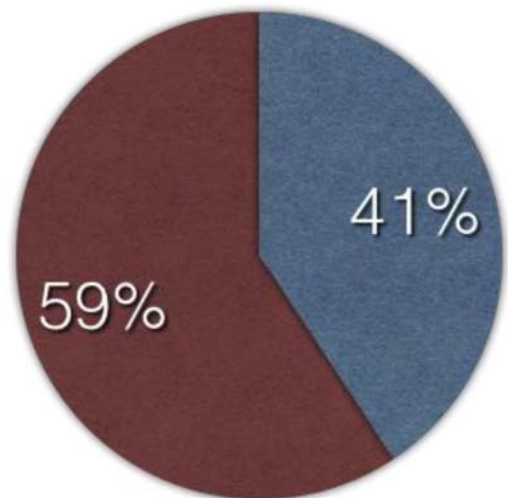
A = Distance King Pin to load center. 6.03m  
 B = Distance Rear Axle Load. 4.14m  
 C = Distance from King Pin to Rear Axle 10.17m



### Analysis of Load Capacity 60 Ton

Load on the tractor		Trailer Capacity load
B x Load / C	24.43 Ton	30.0 Ton
Load on the rear axle		MaxCapacity load according factory
A x Load / C	35.58 Ton	40.0 ton
Distributed load per tire		Capacity load according factory
35.58 / 8	4.47 Ton	5.0 Ton

Trailer



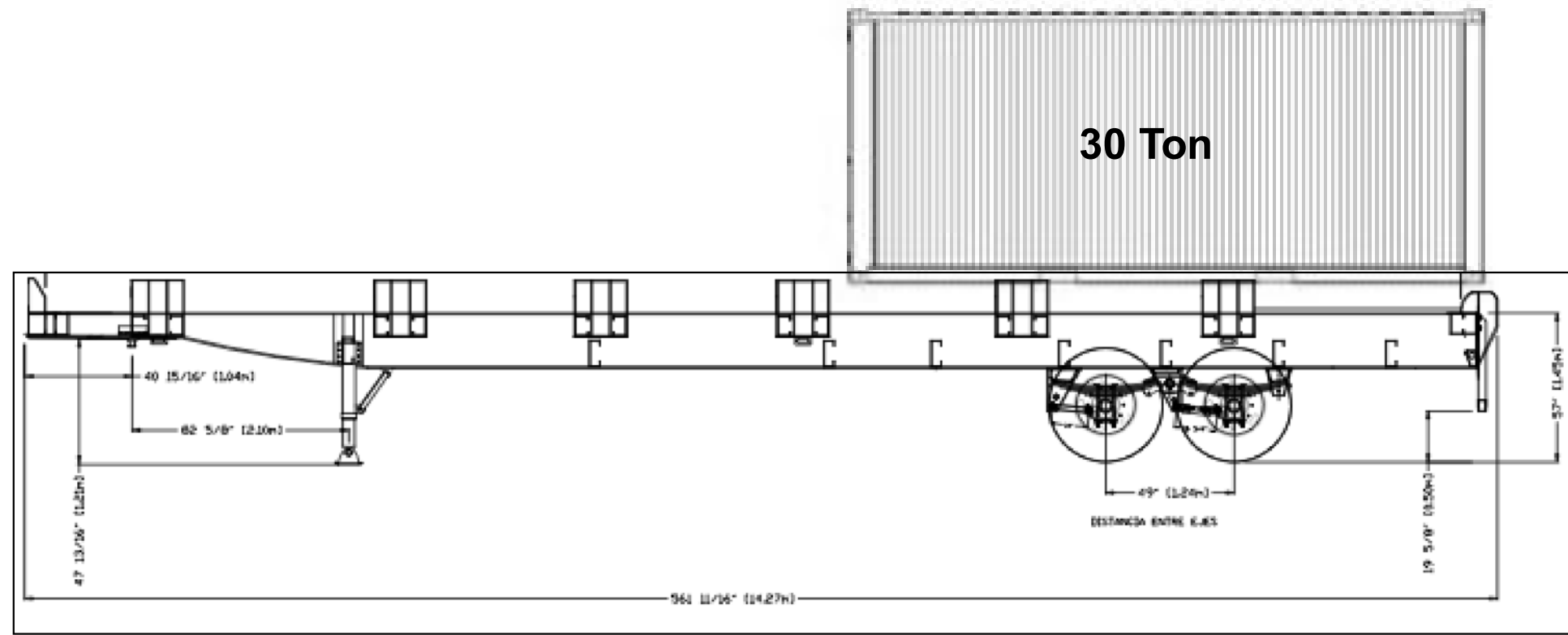
Truck





# Terminal Trailer 45'

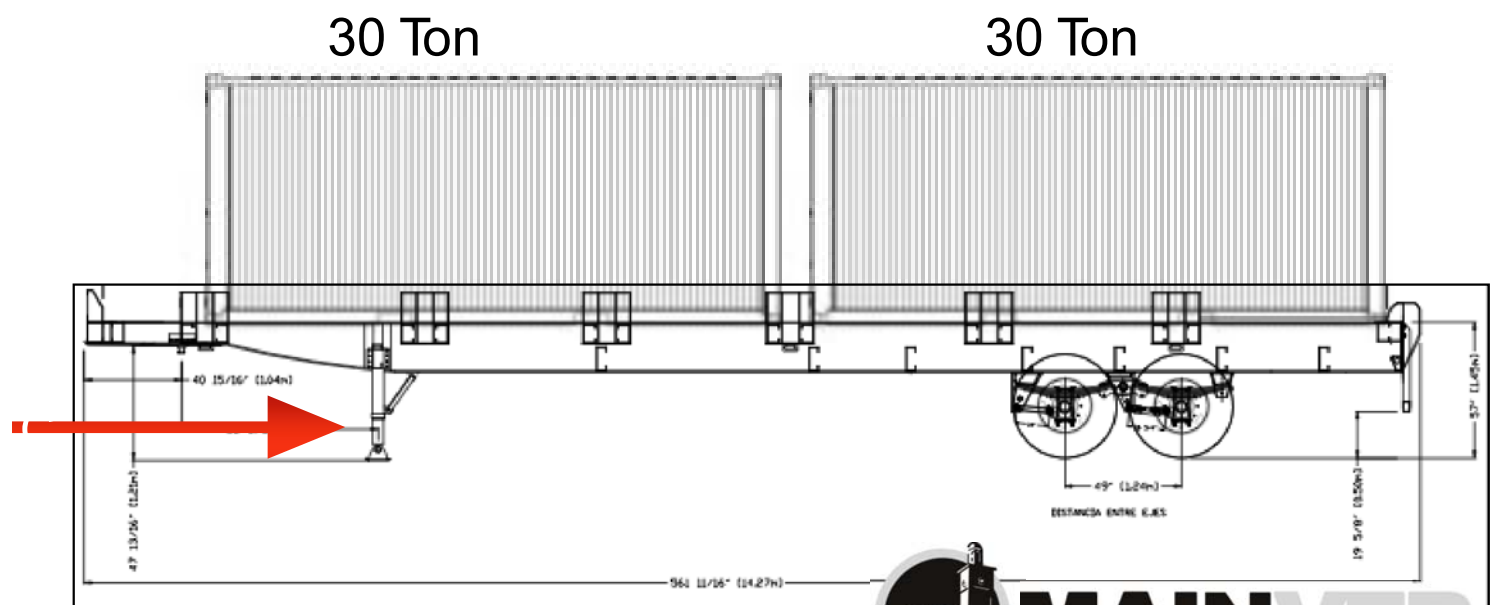
Terminal Trailer is designed to support 30 tons of weight on the rear axle without the support of Terminal Truck with 20 'containers.





# Terminal Trailer 45'

When The Terminal Trailer has the maximum carrying capacity without the support of terminal truck, you can have overweight causing structural damage in legs, it can even generate the collapse of the structure causing further damage to container and Terminal Trailer.



## Capacity of Turn

Terminal Trailer is designed to make a turn without dragging tire 12.2mts this data may vary depending on the model and brand of terminal truck you drag

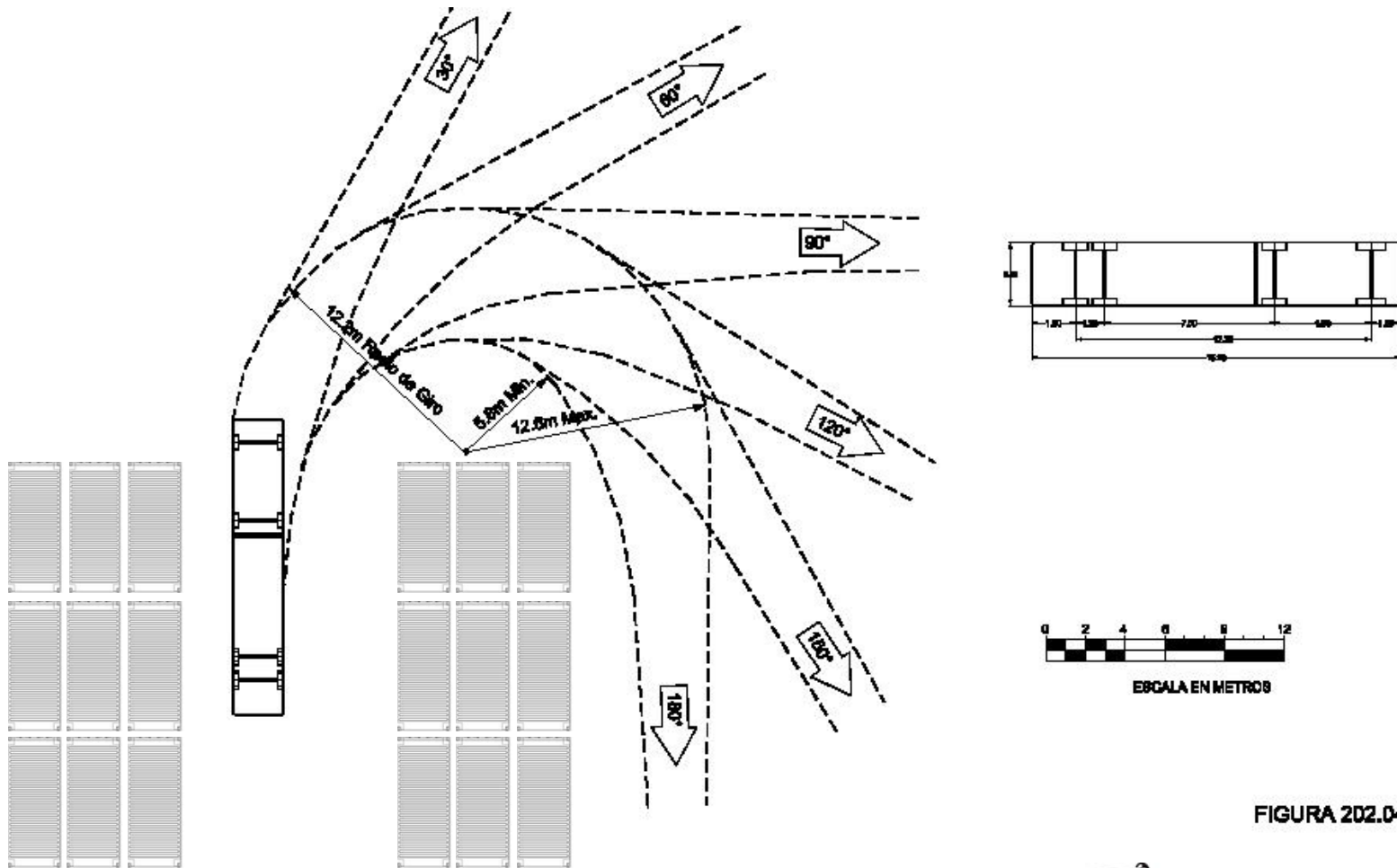


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