

MORELLO

FACTORY MATERIAL HANDLING TECHNOLOGY



**TROLLEYS AND SELF-PROPELLED INDUSTRIAL TRAILERS
LIFTING TABLES AND TIPPERS
EQUIPMENTS AND WHEELS**



Since 1946 MORELLO Company has been involved to solve problems related to the transportation and handling of materials inside of any type of firms.

Placed in a geographic area that since the end of XIX century has been studying and diffusing all over the world the most advanced technologies, MORELLO Company has acquired and enforced in its manufacture the best ideas springing from this technological environment through the will and interest of its engineers and workers, specialized in mechanics, carpentry, hydraulics, electronics, pneumatic and of its marketing and administration employees.

At the constant service of its Customers, MORELLO Company offers both standard solutions and solutions specially conceived to solve specific and complex handling needs: for this aim MORELLO Company is equipped with most up-to-date information technology systems.

MORELLO Company manufactures a wide range of trucks and industrial trailers that operate in most several fields: shipyards, iron, metallurgy, automotive, paper mills, chemical plants, energetic, aeronautic, aerospace industries operating in buildings, ports and airports prefabrication, etc.

At completion of the above mentioned production, MORELLO Company plans and builds lifting platforms, tippers and equipments studied to meet Customer's specific production flow.

MORELLO Company employees direct their efforts to give prompt answers, reliable products and high quality performances, early deliveries and an efficient after-sales service at disposal of all existing and future Customers of MORELLO Company

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TIRED DIESEL SELF-PROPELLED TRAILERS



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TIRED BATTERY ELECTRONIC SELF-PROPELLED TRAILERS



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INDUSTRIAL TRAILERS

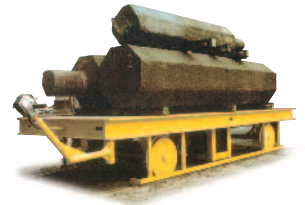


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SPARES AND ACCESSORIES



TIRED DIESEL SELF-PROPELLED TRAILERS

CAPACITY LOADS UP TO 1000 t



SGD VCP4 E 150/3
150 t – 12000 x 6000 x 1650 (2250) mm
Naval structures handling



SGD VCP4 E 100/4
100 t – 16500 x 10000 x 850 (950) mm
Naval panels handling

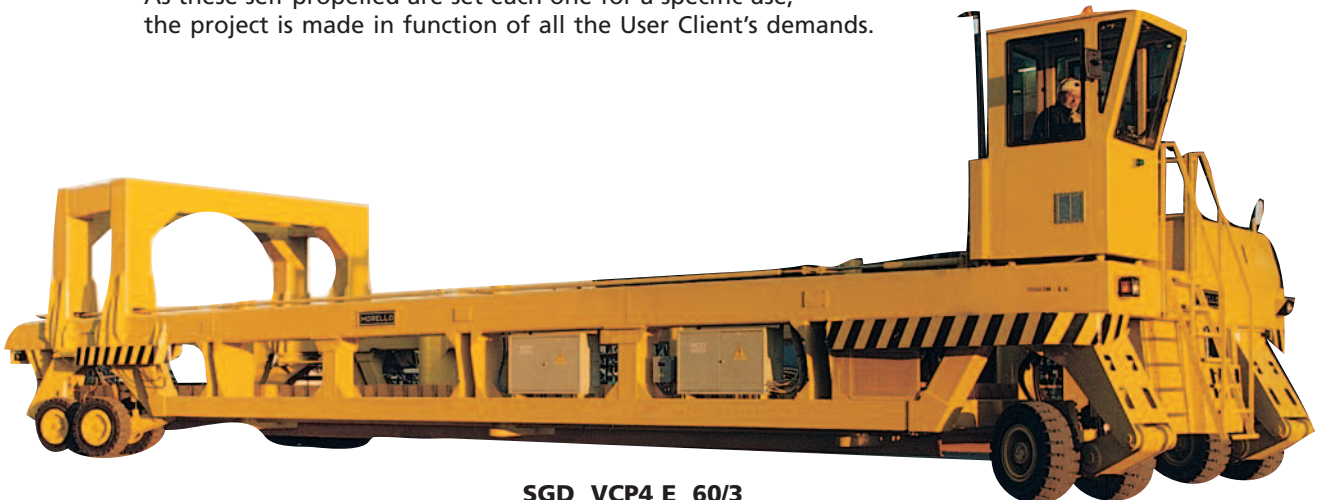
To handle any type of load, also huge and heavy and also in presence of limited places. For this aim it is possible to employ, if required, electronic steering systems and other configurations represented on the following pages.

Ground and slopes irregularities are get through hydraulic compensation of axles.

On request, it is possible to equip these systems with **remote control** or **self-acting translation (AGV) at inertial control**.

With huge and heavy loads it is possible to employ more systems simultaneously, mechanical jointed between them or placed apart.

As these self-propelled are set each one for a specific use, the project is made in function of all the User Client's demands.



SGD VCP4 E 60/3
60 t – 18000 x 5000 x 150 (550) mm – Wire driven (AGV)
Low pallets handling



SGD VCP4 E 60/3
60 t – 14000 x 3500 x 1000 (1600) mm
Pallets handling

MAIN TECHNICAL FEATURES

- Thermic engine at diesel cycle
- Hydrostatic transmission
- Leveled lifting of load platform on the self-loading self-propelled, by means of hydraulic suspensions with high path of lift, that guarantee a correct load distribution on each wheel, even in extreme conditions.
- Steering determined in mathematical model
- Possibility of electronics loading platform steering and lifting
- Possibility of mechanic or distance coupling: modular self-propelled machines
- Wide range of accessories



SGD VC 40/2
40 t – 7500 x 2200 x 1000 mm
Thick slabs handling



SGD VCP4 E 40/2
40 t – 13000 x 2500 x 1200 (1700) mm
Pallets handling

SGD VC E 30/2
Capacity load 30 t
Iron and steel products translation and lifting



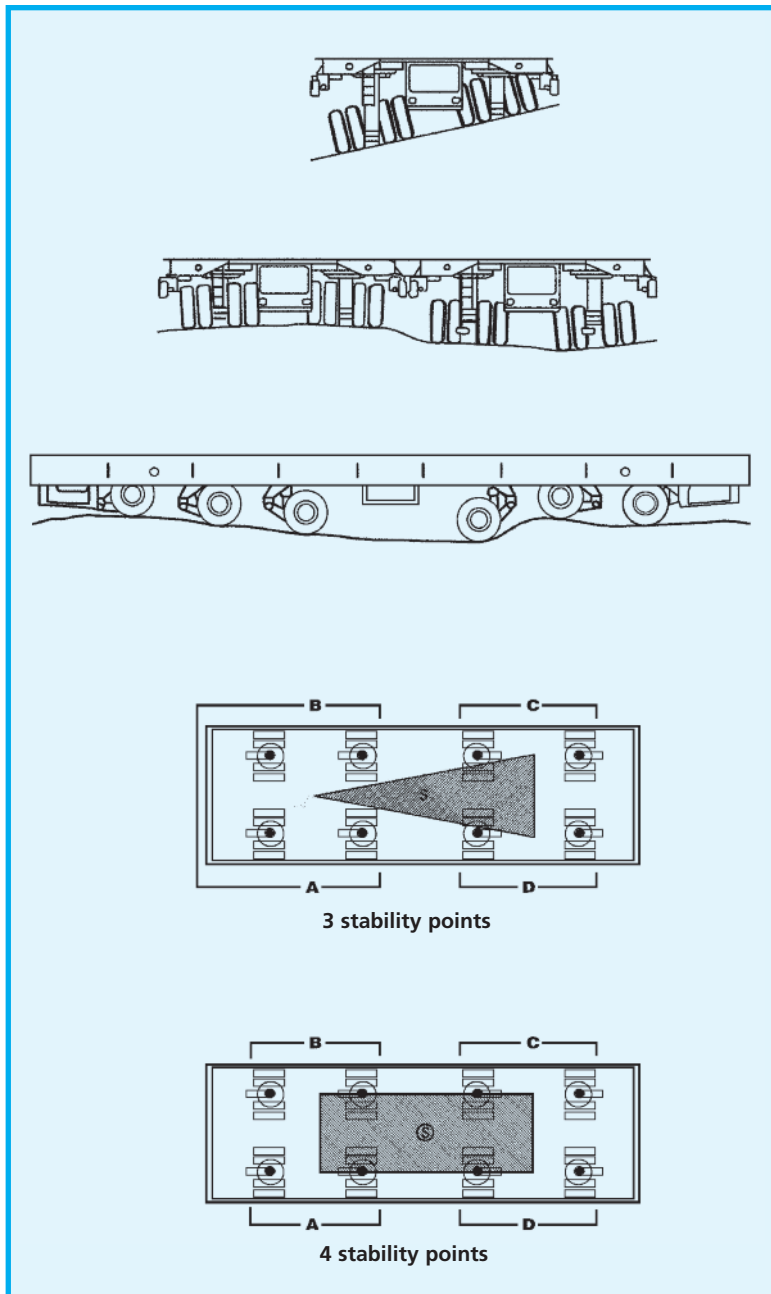
TIRED DIESEL SELF-PROPELLED TRAILERS FOR SHIPYARDS

CAPACITY LOADS 120-1190 t

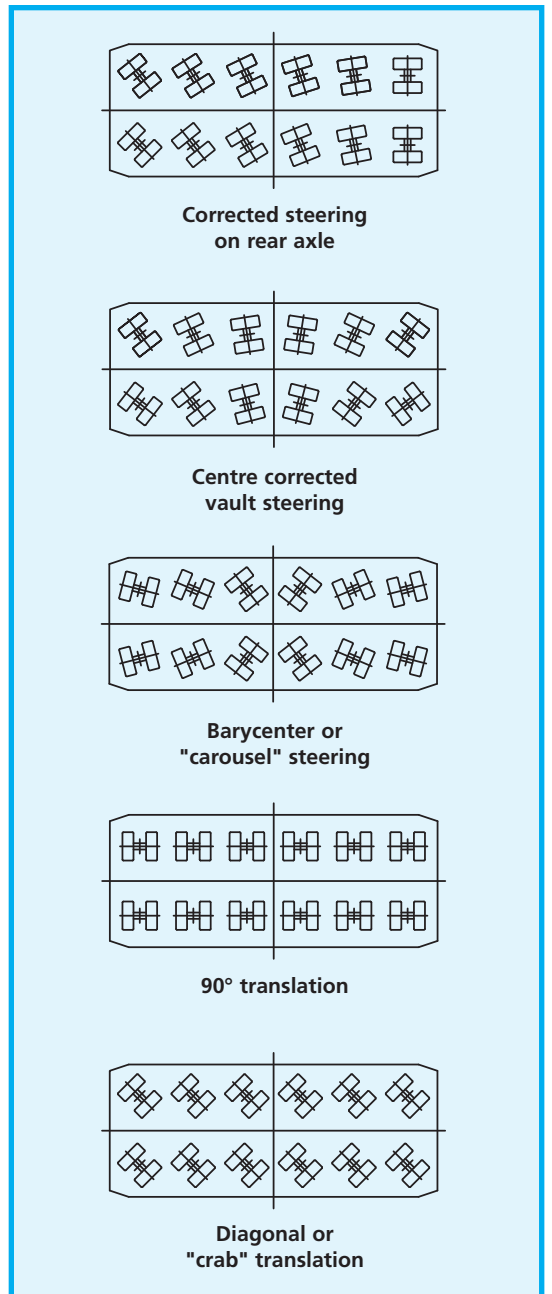
SERIES SGD VCP4 E CN

Type	Capacity load in t	Load platform dimensions	
		length x width in mm	height in mm
120/2	120	10000 x 5000	1550 + 700
190/3	190	13000 x 5500	1550 + 700
260/4	260	15000 x 6000	1550 + 700
320/5	320	15000 x 6000	1550 + 700
390/6	390	18500 x 6000	1550 + 700
450/7	450	21000 x 6000	1550 + 700
520/8	520	18500 x 8000	1550 + 700
590/9	590	18500 x 8000	1550 + 700
1190/18	1190	23000 x 10000	1550 + 700

STABILITY SYSTEMS



STEERING TYPOLOGIES

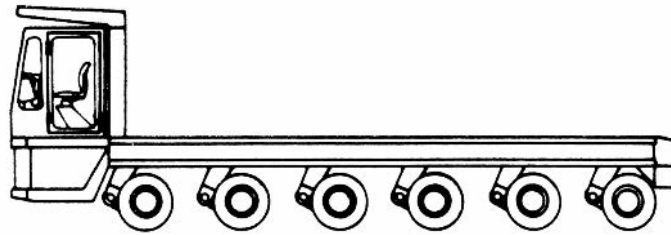


TIRED DIESEL SELF-PROPELLED TRAILERS FOR IRON INDUSTRIES

CAPACITY LOADS 35-174 t

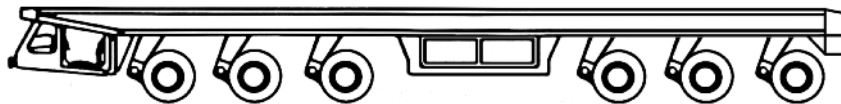
SERIES SGD VCP4 E IS

Type	Capacity load in t	Load platform dimensions	
		length x width in mm	height in mm
55/3 CE	55	6000 x 2700	1100 + 600
75/4 CE	75	7000 x 2700	1100 + 600
95/5 CE	95	8000 x 2700	1100 + 600
115/6 CE	115	9000 x 2700	1100 + 600
111/6 CE	111	12500 x 2700	1100 + 600
135/7 CE	135	10000 x 2700	1100 + 600
155/8 CE	155	11000 x 2700	1100 + 600
174/9 CE	174	12500 x 2700	1100 + 600



SERIES SGD VCP4 E IS

Type	Capacity load in t	Load platform dimensions	
		length x width in mm	height in mm
35/2 CI	35	7000 x 2700	1200 + 600
55/3 CI	55	9000 x 2700	1200 + 600
75/4 CI	75	10500 x 2700	1200 + 600
95/5 CI	95	12500 x 2700	1200 + 600
115/6 CI	115	14000 x 2700	1200 + 600



SERIES SGD VCP4 E IS

Type	Capacity load in t	Load platform dimensions	
		length x width in mm	height in mm
111/6 2CI	111	15500 x 2700	1200 + 600
135/7 2CI	135	17000 x 2700	1200 + 600
155/8 2CI	155	18500 x 2700	1200 + 600
174/9 2CI	174	20000 x 2700	1200 + 600



SERIES VS – VS/VSP1 – VSP1 – VSP2/A

CAPACITIES LOAD 10-90 t

SERIES SGD VS

Capacity load in t		Load platform dimensions length x width in mm				
10	3000 x 2000	4000 x 2000	5000 x 2000	5000 x 2500	6000 x 2500	8000 x 2500
15	3000 x 2000	4000 x 2000	5000 x 2000	5000 x 2500	6000 x 2500	8000 x 2500
20	3000 x 2000	4000 x 2000	5000 x 2000	5000 x 2500	6000 x 2500	8000 x 2500
25	3000 x 2000	4000 x 2000	5000 x 2000	5000 x 2500	6000 x 2500	8000 x 2500

SERIES SGD VS/VSP1

Capacity load in t		Load platform dimensions length x width in mm				
27	4000 x 2000	5000 x 2000	5000 x 2500	6000 x 2500	8000 x 2500	10000 x 2500
32	4000 x 2000	5000 x 2000	5000 x 2500	6000 x 2500	8000 x 2500	10000 x 2500
40	4000 x 2000	5000 x 2000	5000 x 2500	6000 x 2500	8000 x 2500	10000 x 2500

SERIES SGD VSP1

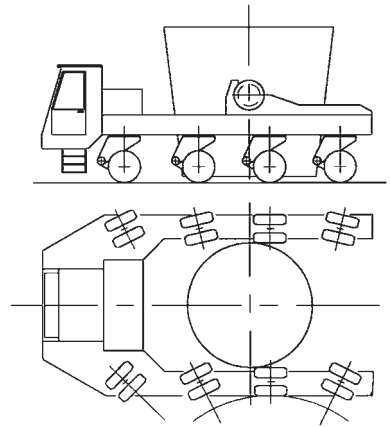
Capacity load in t		Load platform dimensions length x width in mm				
45	4000 x 2500	5000 x 2500	6000 x 2500	8000 x 2500	10000 x 2500	
50	4000 x 2500	5000 x 2500	6000 x 2500	8000 x 2500	10000 x 2500	

SERIES SGD VSP2/A

Capacity load in t		Load platform dimensions length x width in mm				
60	5000 x 2500	6000 x 2500	8000 x 2500	8000 x 3200	10000 x 2500	10000 x 3200
70	5000 x 2500	6000 x 2500	8000 x 2500	8000 x 3200	10000 x 2500	10000 x 3200
80	5000 x 2500	6000 x 2500	8000 x 2500	8000 x 3200	10000 x 2500	10000 x 3200
90	5000 x 2500	6000 x 2500	8000 x 2500	8000 x 3200	10000 x 2500	10000 x 3200



SGD VSF 12/2
12 t – 7000 x 2000 mm
Billets handling



SGD VCP4 E IS
Capacity load and dimensions on request
Ladles handling



SGD VC 40/2
40 t – 7500 x 2200 mm
Thick slabs handling

SPECIAL SERIES

SERIES SGCAI E

Transformers handling system with capacity load up to 190 t

The handling system is formed by a master truck and a service truck.

The **master truck**, of self-loading type, is suitable in height handling and to transformers translation on tamped and leveled paving, in particular it has also the possibility to make translation of 90° respect to the normal side.

The **service truck**, equipped with current generator at diesel cycle, supplies electrical feeding for it-self and for the master truck. Its necessity derives from the dimensions specially low of the master truck and for this reason the impossibility to apply on board storage batteries or other energy sources.

The translation control for both trucks has made by means of two remote controls.



TIRED BATTERY ELECTRONIC SELF-PROPELLED TRAILERS

CAPACITIES LOAD UP TO 125 t



SGAI - VSF 25/2
25 t - 6500 x 2500 mm
Iron and steel handling products

Tired battery electronic self-propelled have been conceived and built for their utmost working flexibility. They represent the best solution for all those appliances with delicate handling problems in limited places.

Manoeuvring easiness make them perfect to meet the most important requirements: i.e. when place is very limited and paths are strictly constrained.

The design of each self-propelled is preceded by a preliminary study about specific necessities of user and consequent use conditions.

On request it is possible to fit out these equipments with remote control at self-acting translation (AGV) at inertial control.



SGAI - VSF 25/2
25 t - 2700 x 1700 mm
Coils handling



SGAI - VSP2 40/2
40 t - 3000 x 2700 mm
Coachwork dies handling



SGAI - VS/VSP1 32/2
32 t - 5750 x 1950 mm
Aluminium coils handling



SGAI - VCP3 125/4
125 t – 7000 x 3500 mm
Machinery parts handling

MAIN TECHNICAL FEATURES

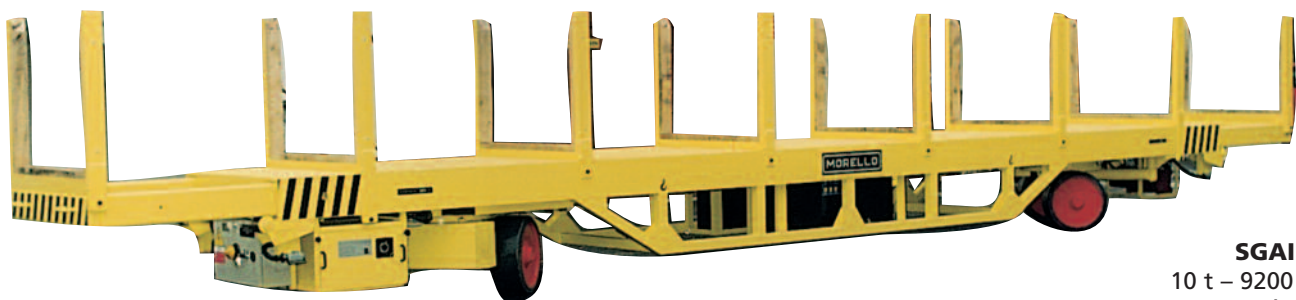
- Direct current electric engine
- Electronic translation adjustable with continuity by means of diode-controlled devices
- Tubular plates accumulators
- Steering determined by mathematic model
- Mechanic compensation of axles load



SGAI - VSP3 100/4
100 t – 5000 x 3000 mm
Dies handling



SGAI - VS/VSP1 60/2
60 t – 6000 x 2400 mm
Steel structures handling



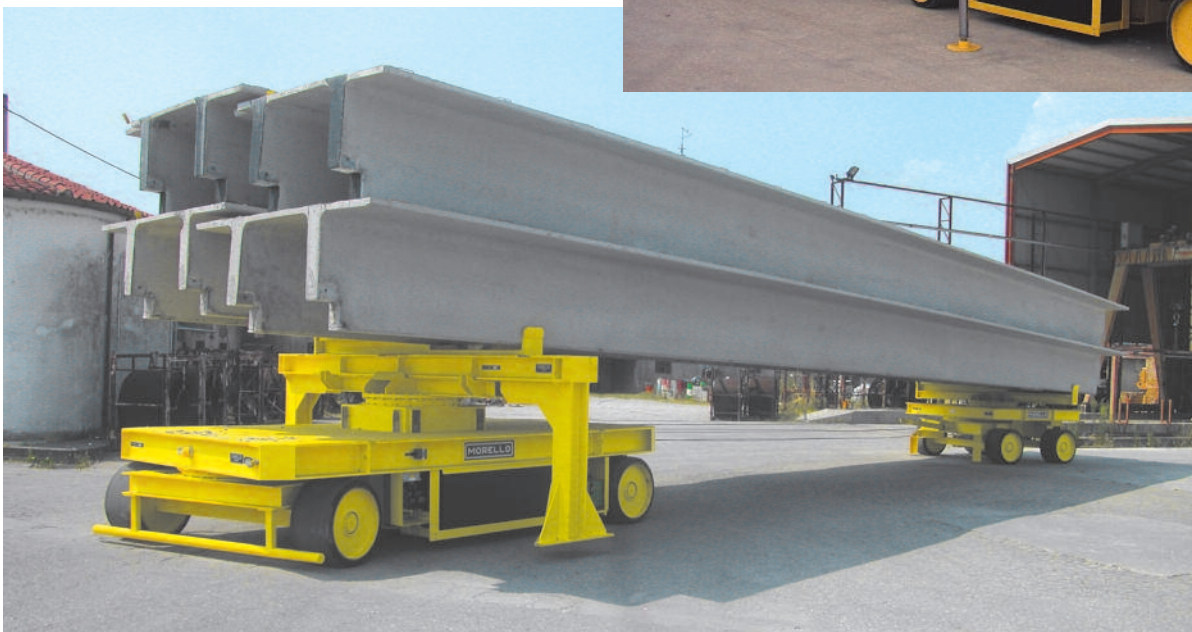
SGAI - VC 10/2
10 t – 9200 x 1200 mm
Pipes handling



SGAI – VSP2 E 40/2
40 t – 6000 x 2700 x 1000 (1200) mm
Pallets handling



SGAI – VS E 35/2
Load capacity 35 t
Tow capacity 35 t
Prefabricated building handling
max 70 t of weight





SGAI - VSP2 E 80/2
80 t – 6200 x 2700 x 1150 (1350) mm
Pallets handling



SGAI - VS/VSP1 35/2
35 t – 3700 x 1800 mm
Dies handling



SGAI - VSF 17/2
17 t – 4000 x 2000 mm
Steel plates packages handling



SGAI - VS/VSP1 30/2
30 t - 12000 x 2500 mm
Pipes handling



SGAM 4/2
4 t - 1200 x 800 mm
Containers handling



SGAM - 2/2
2 t - 1200 x 800 mm
Various material handling



SGAI - VSF E 6/2
6 t - 2800 x 2100 mm
With loading platform lifting



SGAI - VS 30/2 Transpallets

Capacity load 30 t
Upstroke: 100 mm (from 280 to 380 mm)

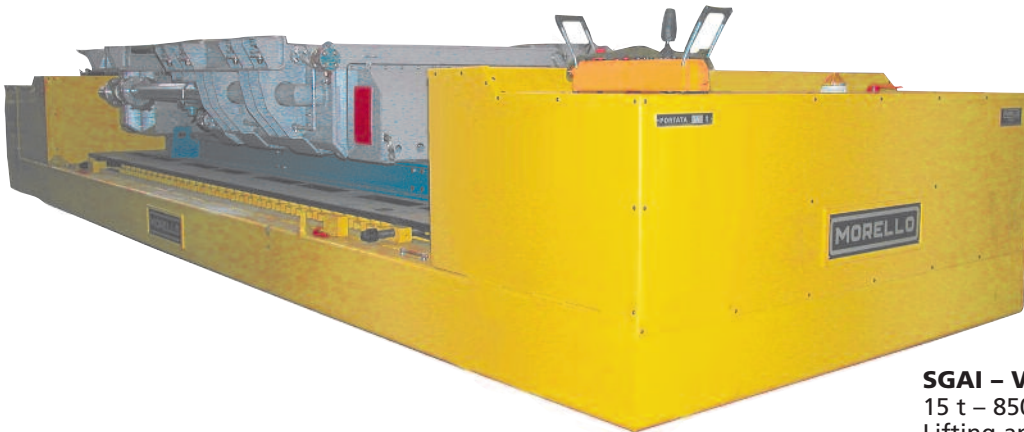


SGAI - VS 9/2 Elevator

Capacity load 9 t
Forks handling: translation,
lifting, rotation, tilt



SGAI - VS E 20/2
Capacity load 20 t
Containers lifting and translation



SGAI - VC E 15/2
15 t - 8500 x 2500 mm
Lifting and translating loading platform
Railway components handling



SGAI - VS E 8/2
Capacity load 8 t - Containers 20' translation and lifting

CAPACITIES LOAD 0,5-125 t

SERIES SGAM

Capacity load in t	Load platform dimensions length x width in mm				
	0,5	1500 x 1000	2000 x 1000		
1	1500 x 1000	2000 x 1000			
1,5		2000 x 1000	2500 x 1250	3000 x 1500	
2		2000 x 1000	2500 x 1250	3000 x 1500	
2,5			2500 x 1250	3000 x 1500	4000 x 2000
3,5			2500 x 1250	3000 x 1500	4000 x 2000

SERIES SGAI VS e SGAI VC

Capacity load in t	Load platform dimensions length x width in mm						
	5	2500 x 1250	3000 x 1500	4000 x 2000	5000 x 2000		
8	2500 x 1250	3000 x 1500	4000 x 2000	5000 x 2000	5000 x 2500	6000 x 2500	8000 x 2500
10		3000 x 1500	4000 x 2000	5000 x 2000	5000 x 2500	6000 x 2500	8000 x 2500
12,5		3000 x 1500	4000 x 2000	5000 x 2000	5000 x 2500	6000 x 2500	8000 x 2500
15		3000 x 1500	4000 x 2000	5000 x 2000	5000 x 2500	6000 x 2500	8000 x 2500
20			4000 x 2000	5000 x 2000	5000 x 2500	6000 x 2500	8000 x 2500
25			4000 x 2000	5000 x 2000	5000 x 2500	6000 x 2500	8000 x 2500

SERIES SGAI VS/VSP1

Capacity load in t	Load platform dimensions length x width in mm					
	27	4000 x 2000	5000 x 2000	5000 x 2500	6000 x 2500	8000 x 2500
32	4000 x 2000	5000 x 2000	5000 x 2500	6000 x 2500	8000 x 2500	10000 x 2500
40	4000 x 2000	5000 x 2000	5000 x 2500	6000 x 2500	8000 x 2500	10000 x 2500

SERIES SGAI VSP1

Capacity load in t	Load platform dimensions length x width in mm				
	45	4000 x 2500	5000 x 2500	6000 x 2500	8000 x 2500
50	4000 x 2500	5000 x 2500	6000 x 2500	8000 x 2500	10000 x 2500

SERIES SGAI VSP2/A, SGAI VSP3 e SGAI VCP3

Capacity load in t	Load platform dimensions length x width in mm					
	60	5000 x 2500	6000 x 2500	8000 x 2500	8000 x 3200	10000 x 2500
70	5000 x 2500	6000 x 2500	8000 x 2500	8000 x 3200	10000 x 2500	10000 x 3200
80	5000 x 2500	6000 x 2500	8000 x 2500	8000 x 3200	10000 x 2500	10000 x 3200
90	5000 x 2500	6000 x 2500	8000 x 2500	8000 x 3200	10000 x 2500	10000 x 3200
125				8000 x 3200		10000 x 3200

INDUSTRIAL TRAILERS

CAPACITY LOADS UP TO 500 t



VCP4 E 240/5
240 t – 10600 x 3850 x 1250 (1650) mm
Steel plant furnace handling



VCP3/A 120/8
120 t – 8000 x 2500 mm
Coils handling



VCP4 E 120/5
120 t – 8200 x 3300 x 1230 (1830) mm
Pallets handling

To handle any type of load even if in presence of limited places. To operate in limited places a series of steering trailers are available with centre-corrected roof, to reduce at the minimum curvature radius.

To handle loads whose centre of gravity is high and off-centre, are available steering trailers on telescope supports instead of on fifth wheel.

To operate on bumpy floorings trailers may be equipped with super-elastic or pneumatic tyres.

Further to handle special loads, MORELLO Company has conceived trailers with distinguished features, with superstructure or shapes suitable to solve Customer's transportation problems.

MAIN TECHNICAL FEATURES

- Steel plate, wooden or open loading platform
- Solid, super-elastic or pneumatic tyre wheels
- Simple or centre-corrected roof steering; on fifth wheel or on turning telescope supports
- **On request** it is possible to employ: braking system, lighting system, superstructures, side panels, fixed or movable covering, columns to control load, spring or hydraulic suspensions



VCP4 E 60/4
60 t – 4360 x 3000 x 900 (1300) mm
Metal structures handling



VCP3 E 130/4
130 t – 8000 x 3000 mm
Huge forgings handling



VCP4 E 150/4
150 t – 11000 x 4500 x 1600 (2000) mm
Naval structures handling



VCP3 100/4
100 t – 8500 x 2500 mm
Coils handling



VSP1/R - PI E 120/4
120 t – 2000 + 2000 x 2500 mm
Boiler tube bundles handling



VCP3 125/4
125 t – 8000 x 2500 mm
Steel plant machines handling



VCP3 100/4
100 t – 9000 x 2550 mm
Rollings handling

VCP3 - 120/4
120 t – 6000 x 4000 mm
Scrap box handling



VC/2AC 150/6

150 t – 12500 x 2500 mm – Coils handling in temperature



VCP3 120/4

120 t – 6000 x 4000 mm
Scrap box handling



VCP3 80/4

80 t – 5000 x 2000 mm
Iron casting handling



VCP3 60/4

60 t – 6000 x 2200 mm
Bed-plates handling



VSP2/A 80/3

80 t – 7500 x 2500 mm
Coils handling



VCP3 80/4 lowered

80 t – 12000 x 3000 mm
Iron handling



VCP4 100/6
100 t – 11000 x 3200 mm
Turbines handling

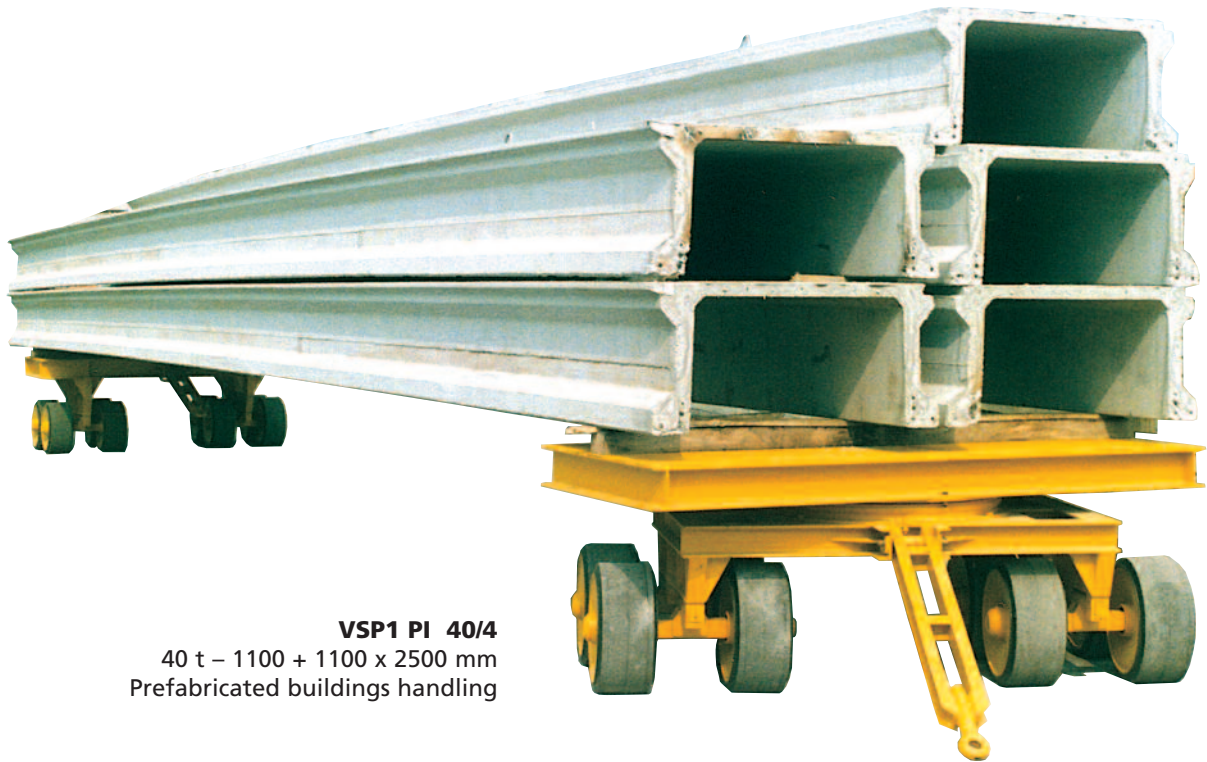
VC/AC 30/3
30 t – 16000 x 2500 mm
Plates handling



VC/AC 19/3
19 t – 8000 x 2500 mm
Naval structures handling

VCP1 40/2
40 t – 13000 x 2500 mm
Pipes handling





VSP1 PI 40/4
40 t – 1100 + 1100 x 2500 mm
Prefabricated buildings handling



PRVSF 15/2
15 t – Frame 4500 x 1650 mm useful
Turbines components handling



VSP2/A 60/3
60 t – 8000 x 3000 mm
Steel structures handling



VCP2 45/2
45 t – 5000 x 2000 mm
Steel structures handling



PRVSP2 40/2
40 t – 4500 x 2400 mm useful
Steel structures handling



VCP1 30/2
30 t – 12000 x 2500 mm
Steel plates handling



VCP/SP 80/4
80 t – 15000 X 15000 mm
Naval panels handling



VC 10/2
10 t – 4000 x 2000 mm
Iron plates handling



VS/R PI 50/4
50 t – 2400 + 2400 x 2400 mm
Two axis whose one at hydraulic steering
Prefabricated buildings handling



VSF 12/2
12 t – 2500 x 1800 mm
Small ladles handling



VS 15/2
15 t – 5000 x 3000 mm
Steel plant equipment handling



VSP1 18/2
18 t – 5500 x 2500 mm
Metal scraps handling



VS/R PI 35/2
 35 t – 2500 x 2400 mm
 Two axis whose one at hydraulic steering
 Prefabricated buildings handling

SR 40/1
 Special Rolltrailer
 40 t – 7500 x 2500 mm
 Prefabricated buildings handling



VS 15/2
 15 t – 8000 x 2500 mm
 Handling for paper industry



VS 20/2
 20 t – 7000 x 1650 mm
 Steel pipes handling



VCP1 30/2
30 t – 14.000 x 2500 mm
Steel pipes handling with guard



VS 2,5/2
2,5 t – 3000 x 1000 mm
Load platform with idle rolls



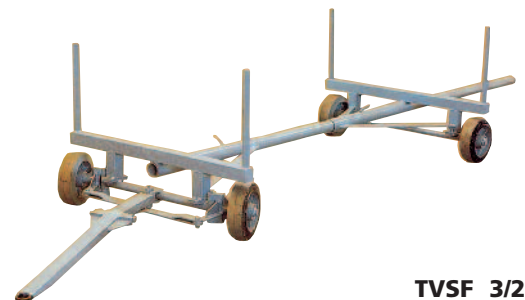
PRVSF 23/2
23 t – 5000 x 2500 mm useful
Naval propellers handling



VS E 7,5/2
7,5 t – 2700 x 1500 x 1000 (2500) mm
With load platform lifting
Steel structures handling



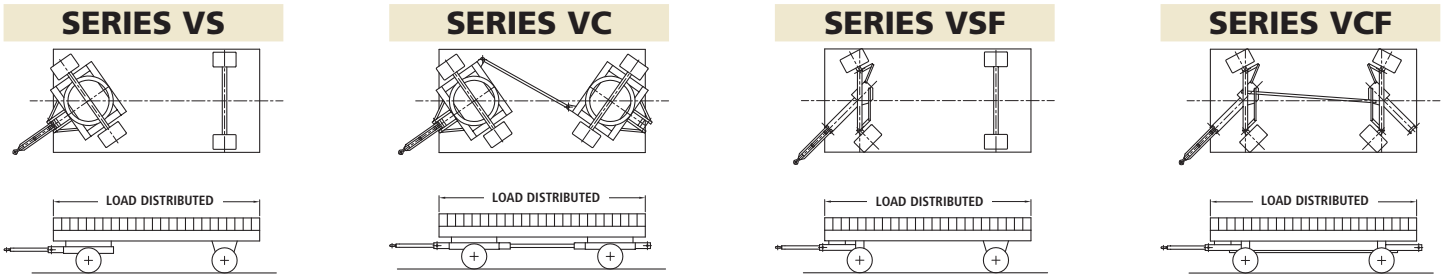
VS-SP 15/2
15 t – 3500 x 1600 mm
Rotating loading platform



TVSF 3/2
3 t – 2500/4000 x 1300 mm
Steel pipes handling

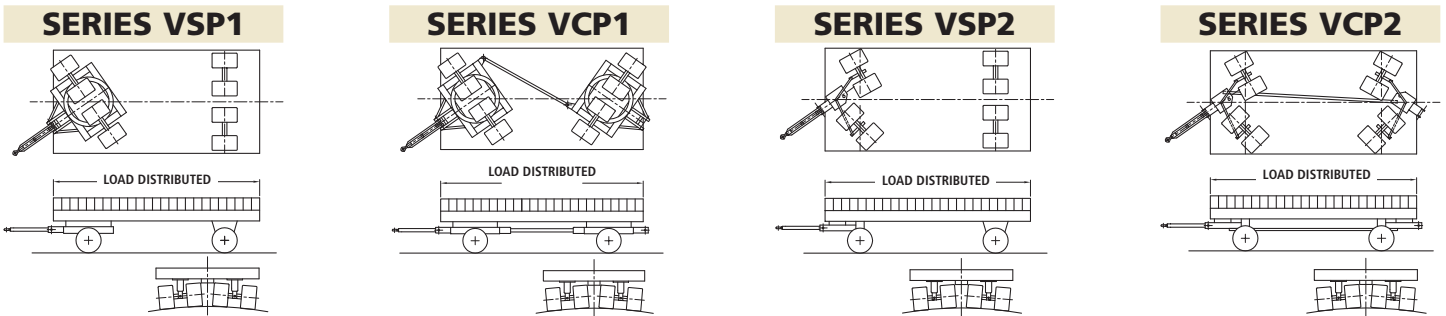
INDUSTRIAL TRAILERS

CAPACITY LOADS UNTIL 25 t



Capacity load in t	Load platform dimensions length x width in mm							
	2000 x 1000	2500 x 1250	3000 x 1500	4000 x 2000	5000 x 2000	6000 x 2500	8000 x 2500	
1	2000 x 1000	2500 x 1250	3000 x 1500					
2	2000 x 1000	2500 x 1250	3000 x 1500					
3	2000 x 1000	2500 x 1250	3000 x 1500					
5	2000 x 1000	2500 x 1250	3000 x 1500	4000 x 2000	5000 x 2000			
8		2500 x 1250	3000 x 1500	4000 x 2000	5000 x 2000	6000 x 2500	8000 x 2500	
10		2500 x 1250	3000 x 1500	4000 x 2000	5000 x 2000	6000 x 2500	8000 x 2500	
12,5		2500 x 1250	3000 x 1500	4000 x 2000	5000 x 2000	6000 x 2500	8000 x 2500	
15			3000 x 1500	4000 x 2000	5000 x 2000	6000 x 2500	8000 x 2500	
20				4000 x 2000	5000 x 2000	6000 x 2500	8000 x 2500	
25				4000 x 2000	5000 x 2000	6000 x 2500	8000 x 2500	

CAPACITY LOADS 20-50 t



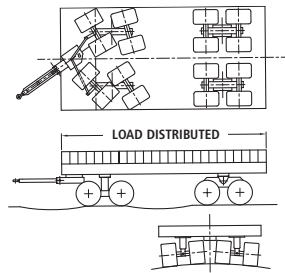
Capacity load in t	Load platform dimensions length x width in mm					
	4000 x 2000	5000 x 2000	5000 x 2500	6000 x 2500	8000 x 2500	
20	4000 x 2000	5000 x 2000	5000 x 2500	6000 x 2500	8000 x 2500	
25	4000 x 2000	5000 x 2000	5000 x 2500	6000 x 2500	8000 x 2500	
32	4000 x 2000	5000 x 2000	5000 x 2500	6000 x 2500	8000 x 2500	
40	4000 x 2000	5000 x 2000	5000 x 2500	6000 x 2500	8000 x 2500	
50	4000 x 2000	5000 x 2000	5000 x 2500	6000 x 2500	8000 x 2500	

CAPACITY LOADS 32-90 t

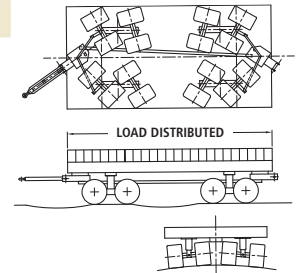
Capacity load in t	Load platform dimensions length x width in mm			
	5000 x 2000	5000 x 2500	6000 x 2500	8000 x 2500
32	5000 x 2000	5000 x 2500	6000 x 2500	8000 x 2500
40	5000 x 2000	5000 x 2500	6000 x 2500	8000 x 2500
50	5000 x 2000	5000 x 2500	6000 x 2500	8000 x 2500
60	5000 x 2000	5000 x 2500	6000 x 2500	8000 x 2500
90			6000 x 3200	8000 x 3200

CAPACITY LOADS 40-140 t

SERIES VSP3



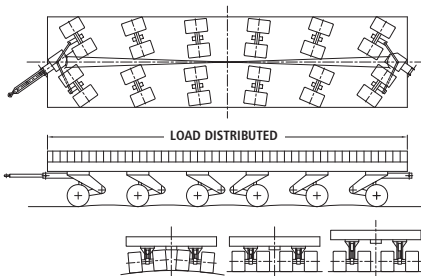
SERIES VCP3



Capacity load in t	Load platform dimensions length x width in mm					
40	5000 x 2000	5000 x 2500	6000 x 2500	6000 x 3200	8000 x 2500	8000 x 3200
50	5000 x 2000	5000 x 2500	6000 x 2500	6000 x 3200	8000 x 2500	8000 x 3200
60	5000 x 2000	5000 x 2500	6000 x 2500	6000 x 3200	8000 x 2500	8000 x 3200
80		5000 x 2500	6000 x 2500	6000 x 3200	8000 x 2500	8000 x 3200
100			6000 x 2500	6000 x 3200	8000 x 2500	8000 x 3200
125				6000 x 3200	8000 x 2500	8000 x 3200
140				6000 x 3200		8000 x 3200

CAPACITY LOADS 50-320 t

SERIES VCP4



Capacity load in t	Oscillating axles (n)	Load platform dimensions length x width in mm
50	8	6000 x 2500 / 3200, 8000 x 2500 / 3200
60	8/12	6000 x 2500 / 3200, 8000 x 2500 / 3200
80	8/12	8000 x 2500 / 3200, 10000 x 2500 x 3200
100	8/12	8000 x 2500 / 3200, 10000 x 2500 x 3200
125	8/12	10000 x 3200, 12500 x 3200
160	12	10000 x 3200, 12500 x 3200
320	as per capacity load	on request

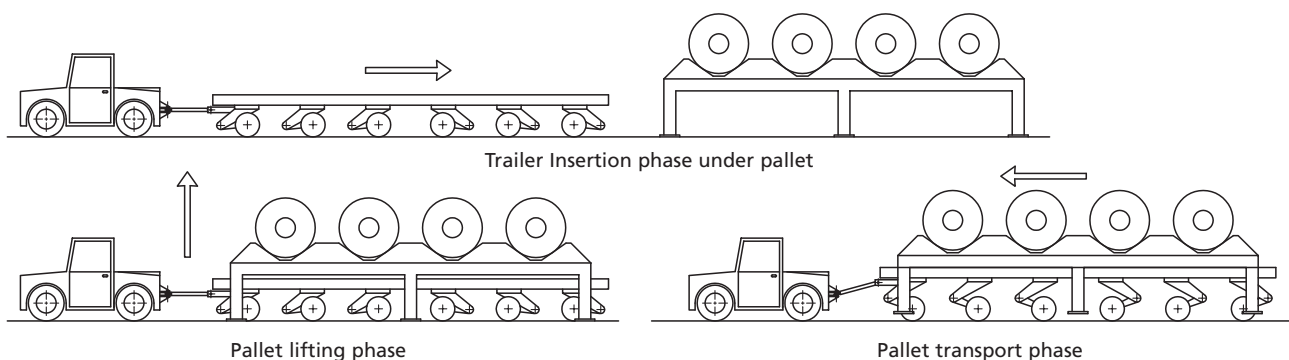
FOR PALLETS LIFTING AND TRANSPORT

CAPACITY LOADS UP TO 450 t

SERIES VCP4 E

This series machines, used above all in naval and iron areas, have been conceived to manage the temporary material pause without the constant engagement of various types of trailers. Dimensions and capacity loads are in analogy to those of diesel self-propelled on page 6-7.

Example of pallet handling



SPECIAL SERIES

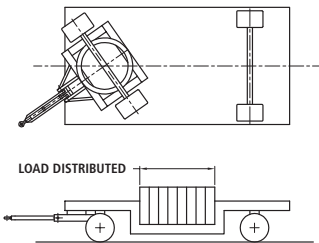
LOAD PLATFORM LOWERED

CAPACITY LOADS 8-25 t

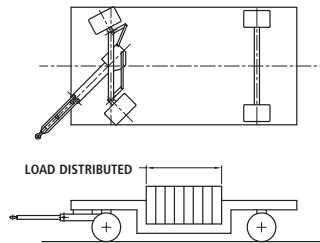
This series is particularly indicated to transport load whose barycenter is positioned at a considerable height, as: particular machines, ladles for steel mills, steel structures, etc.

Capacity load in t	Load platform dimensions in t length x width in mm			
8	3000 x 1500	4000 x 2000		
10	3000 x 1500	4000 x 2000		
15	3000 x 1500	4000 x 2000		
20		4000 x 2000	5000 x 2000	
25		4000 x 2000	5000 x 2000	
32		4000 x 2000	5000 x 2000	
40		4000 x 2000	5000 x 2000	6000 x 2500
50		4000 x 2000	5000 x 2000	6000 x 2500

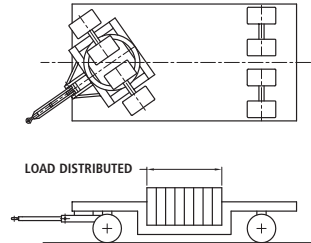
TYPE PRVS



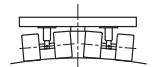
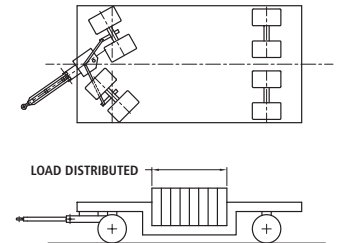
TYPE PRVSF



TYPE PRVSP1



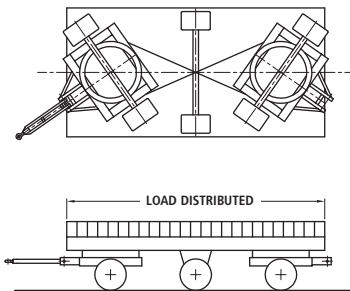
TYPE PRVSP2



SERIES WITH CENTRAL AXLES

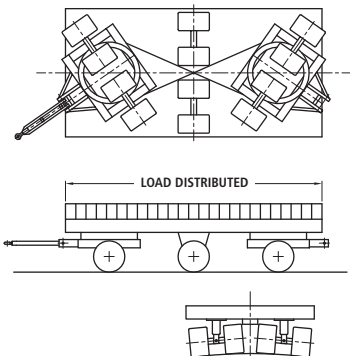
CAPACITY LOADS 12,5-80 t

SERIES VC/AC



Capacity load in t	Load platform dimensions in t length x width in mm	
12,5	8000 x 2500	10000 x 2500
16	8000 x 2500	10000 x 2500
20	8000 x 2500	10000 x 2500
25	8000 x 2500	10000 x 2500
32	8000 x 2500	10000 x 2500

SERIES VCP1/AC

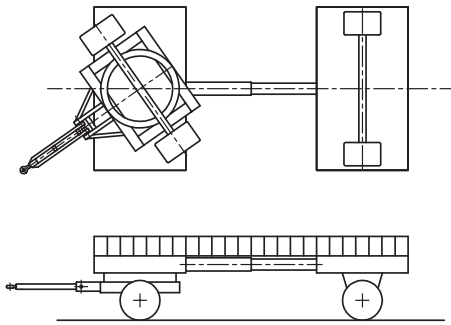


Capacity load in t	Load platform dimensions in t length x width in mm	
40	8000 x 2500	10000 x 2500
50	8000 x 2500	10000 x 2500
60	8000 x 2500	10000 x 2500
80	8000 x 2500	10000 x 2500

TELESCOPICS

CAPACITY LOADS 3-25 t

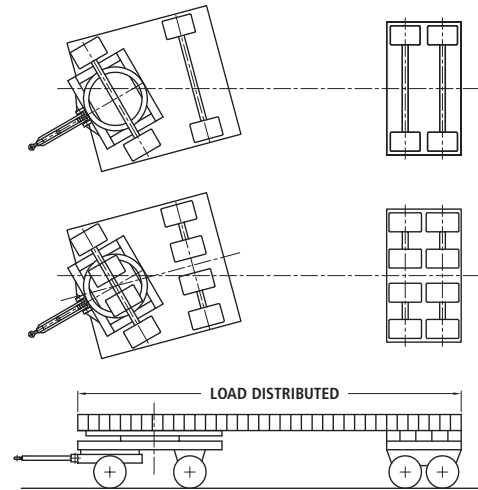
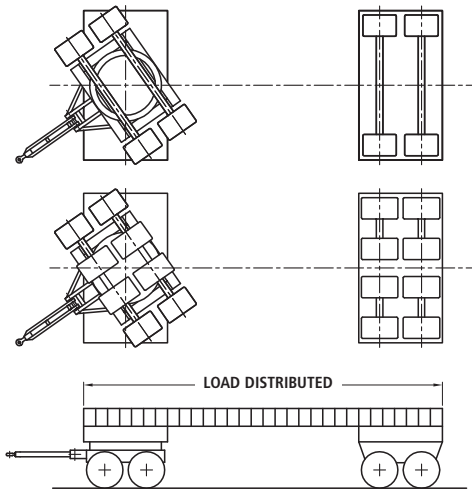
TYPE TVS



Capacity load in t	Load platform dimensions in t length x width in mm
3	600 x 1000
5	700 x 1000
8	1000 x 1500
10	1000 x 1500
15	1000 x 1500
20	1000 x 2000
25	1100 x 2000

SERIES AT INDEPENDENT PLATFORMS

CAPACITY LOADS 14-100 t



SERIES VS

Capacity load in t	Load platform dimensions in t length x width in mm
14	900 x 2000
20	1100 x 2500
25	1100 x 2500
32	1100 x 2500
50	1100 x 2500

SERIES VS/R

Capacity load in t	Load platform dimensions in t front and rear in mm	
14	1800 x 2000	900 x 2000
20	2400 x 2500	1100 x 2500
25	2400 x 2500	1100 x 2500
32	2400 x 2500	1100 x 2500
50	2400 x 2500	1100 x 2500

SERIES VSP1

Capacity load in t	Load platform dimensions in t length x width in mm
32	1100 x 2500
50	1100 x 2500
60	1100 x 2500
80	1100 x 2500
100	1100 x 2500

SERIES VSP1/R

Capacity load in t	Load platform dimensions in t front and rear in mm	
32	2500 x 2500	1100 x 2500
50	2500 x 2500	1100 x 2500
60	2500 x 2500	1100 x 2500
80	2600 x 2500	1100 x 2500
100	2600 x 2500	1100 x 2500

HARBOUR EQUIPMENTS

PLATFORM-TOWS WITH ROLLTRAILER SYSTEM

CAPACITY LOADS 25-160 t

SRP1 50/1
50 t – 10000 x 3500 mm
Harbour handlings



To handle containers or any type of load

- In harbour areas.
- On ships Ro-Ro.
- Inside manufacturing plants.

MAIN TECHNICAL FEATURES

- Steel, wood or day loading platform.
- N. 2 or 4 hunting axles disposed on one or two axis section; on each axle are assembled n. 2 wheels rolling on adjustable conical roller bearing.
- The longitudinal axles and rocker arms oscillate on greased bushings of sea type.
- Front space for platform-tow handling with gooseneck.
- N. 2 safety hooks for coupling with gooseneck.
- Etching-handling cables/chains.
- Coupling points for platform-tow handling by crane.
- Painting with two hands of primer and two coats of enamel with colour at choice.
- **On request** it is possible to have:
 - n. 2 opening, including tubular steel sections, for handling trailer elevator forks
 - pockets for steering columns of load containment
 - foldaway centerings for containers fixing, positioned on the four corners of the rolltrailer
 - super-elastic or pneumatic wheels
 - special capacity load and dimensions
 - fixed gooseneck

GOOSENECK

Suitable for tow tractor with lifting capacity of 30 t - 36 t - 45 t

Type	Capacity load in t	Load platform dimensions in t length x width in mm
SRP1 20'- 25 t	25	6150 x 2500
SRP1 20'- 32 t	32	6150 x 2500
SRP1 20'- 40 t	40	6150 x 2500
SRP1 20'- 60 t	60	6150 x 2500
SRP2 30'- 70 t	70	9250 x 2500
SRP2 30'-120 t	120	9250 x 2500
SRP2 30'-160 t	160	9250 x 3200
SRP2 40'- 80 t	80	12300 x 2500
SRP2 40'-100 t	100	12300 x 2500
SRP2 40'-100 t low	100	12300 x 2500 x 730 h
SRP2 40'-120 t	120	12300 x 2500
SRP2 40'-120 t low	120	12300 x 2700 x 690 h
SRP2 40'-120 t wide	120	12300 x 3000
SRP2 40'-140 t	140	12300 x 3000
SRP2 50'-100 t	100	15000 x 2800
SRP2 50'-120 t	120	15000 x 2800
SRP2 60'-100 t	100	18500 x 2800
SRP2 80'-100 t	100	24250 x 2900
SRP2 80'-120 t	120	24250 x 2900

CAPACITY LOADS UP TO 160 t



SRP2 80/2
Rolltrailer 40' 80 t



SRP2 120/2
Rolltrailers 40' 120 t



SRP1 60/1
Rolltrailer 20' 60 t



SRP2 160/2
Rolltrailer 30' 160 t



SRP2 120/2
Rolltrailer 40' 120 t



SRP2 70/2
Rolltrailer 30' 70 t



SRP2 100/2
Rolltrailer 50' 100 t



SRP2 100/2
Rolltrailer 60' 100 t

CONTAINER CHASSIS

CAPACITY LOADS UP TO 70 t



Skeletal trailer STP2 60/2
Capacity load 60 t
Containers handling of 45' – 40' – 20'

To handle containers of 20' – 30' – 40' – 45'.

- In harbour areas.
- On ships Ro-Ro.
- Inside manufacturing plants.

MAIN TECHNICAL FEATURES

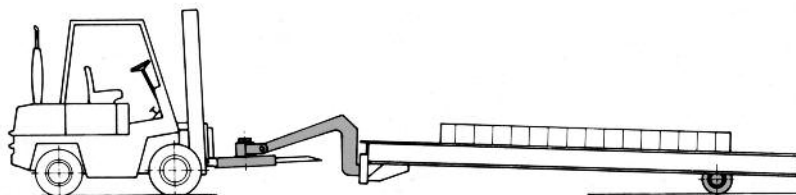
- Loading platform including suitable "raisers" at chute in steel (lateral and of head) to facilitate loading operations and containers centering.
- Gravity locks, applied on the loading platform, suitable to avoid containers movements during translation phases.
- N. 1-2 or 4 hunting axles disposed on one or two axis section; on each axle are assembled n° 2-4 wheels rolling on adjustable conical rollers bearings.
- Tyres: pneumatic, super elastic, or solid rubber.
- Possible longitudinal rocker arms oscillate on greased bushings of sea type.
- Wheels hubs covering is foreseen in steel caps/cover powder.
- Coupling height with the tractor: 1220 mm.
- Coupling pin with tractor of 2", realized in hardened steel positioned at 400 mm approx from the front head.
- Front landing gears adjustables manually in height, for the trailer parking; type with lateral leverage.
- N. 4 points for lifting by crane.
- Rear bumper.
- Rear access ramp.
- Rear and lateral reflectors.
- Coupling possibility with every suitable tractor.
- Painting with primer and enamel.

TYpe	Capacity load in t	Load platform dimensions lenght x width in mm
20'	40	6100 x 2490
20'	50	6100 x 2490
20'	60	6100 x 2490
40'	40	12300 x 2490
40'	50	12300 x 2490
40'	60	12300 x 2490
40'	80	12300 x 2490
45'	60	13800 x 2490
45'	80	13800 x 2490

CARGO TRAILERS

PLATFORM-TOWS WITH ROLLTRAILER SYSTEM

CAPACITY LOADS 5-40 t



SYSTEM ADVANTAGES

1. It is not necessary the purchase of an expensive tractor.
2. It is extended the forks lift truck versatility, amortizing expenses more quickly.
3. The gooseneck allows to handle easily the platform compensating to the more expensive steering systems.
4. It guarantees an extreme security with the employ of a single operator.

HANDLING

- It is assured the gooseneck to the lift tractor forks.
- Lift tractor forks are lifted and the gooseneck extremity is inserted into the suitable platform seat. Coupling is made in self-acting mode and it results extremely safe.
- Platform lifts at 150 mm approx from the ground and the handling starts.

GENERAL FEATURES

TECHNICAL DATA

Frame and stressed skin structure in electro-welded steel section with suitable resistance to static and dynamic stress.

Loading platform in steel plate smooth or striated, in wood of larch or beech or "at day".

Wheels in solid tire, rolling on adjustable double conical roller bearings, with high performances for oil and wear.

Painting with primer and finishing with yellow synthetic enamel. Woods parts are treated with linseed oil.

EQUIPMENTS ON REQUEST

Special **dimensions and capacity loads**.

Superstructures of special molds to apply to the loading platform.

Capacity load in t	Load platform dimensions in t length x width in mm							
	2500 x 1250	3000 x 1500	4000 x 2000	5000 x 2000	6000 x 2500	8000 x 2500	10000 x 2500	
5	2500 x 1250	3000 x 1500	4000 x 2000	5000 x 2000				
8	2500 x 1250	3000 x 1500	4000 x 2000	5000 x 2000				
10		3000 x 1500	4000 x 2000	5000 x 2000	6000 x 2500	8000 x 2500	10000 x 2500	
12,5		3000 x 1500	4000 x 2000	5000 x 2000	6000 x 2500			
15			4000 x 2000	5000 x 2000	6000 x 2500	8000 x 2500	10000 x 2500	
20			4000 x 2000	5000 x 2000	6000 x 2500	8000 x 2500	10000 x 2500	
25				5000 x 2000	6000 x 2500	8000 x 2500	10000 x 2500	
30				5000 x 2000	6000 x 2500	8000 x 2500	10000 x 2500	
40				5000 x 2000	6000 x 2500	8000 x 2500	10000 x 2500	

Type	Gooseneck		
	CD04	CD010	CD016
Capacity load in t	4	10	16
Max load platform in t	10	25	40
Max length forks in mm	1400	1400	2000
Max width forks in mm	160	200	200
Max thickness forks in mm	70	90	90

Capacity load in t	Platform
	Capacity load in t
2	5
3,2-4	10
5-6	15
6,3-8	20
8-10	25
10-12,5	32
12,2-18	40

SELF-PROPELLED TRAILERS ON RAIL

CAPACITY LOADS UP TO 500 t



SBR 8R 120/4
Capacity load 120 t
Iron ladles handling



SBR 4R 150/2
Capacity load 150 t
Iron ladles handling



SBR 4R 140/2
Capacity load 140 t
Iron ladles handling

To handle any type of load, also very big and heavy, on a run time constrained.

They represent, therefore, the best solution in case of production run should be regular for long periods.

Further, their cost, in equality to dimensions and capacity load, it is lower than tired self-propelled trailers which must dispose of steering systems and more raised powers.

The most common uses are:

- Connection of several bays of an industrial buildings.
- Connection of a building with a store yard.
- Connection of an equipment with a department.
- Lightening bays cranes' work.

TECHNICAL FEATURES

- Alternating current motor, direct current motor, thermic at diesel cycle, pneumatic.
- Steel wheels for translation on every kind of rail.
- Control through fixed push-button panel (on board or on floor), with radio control or translation self-acting management.
- Electric or electronic translation management.
- Power supplied by the factory electrical net, from a battery, by gas oil in case of diesel engine, by the factory air-system in case of pneumatic engine.
- Parking and service brake.



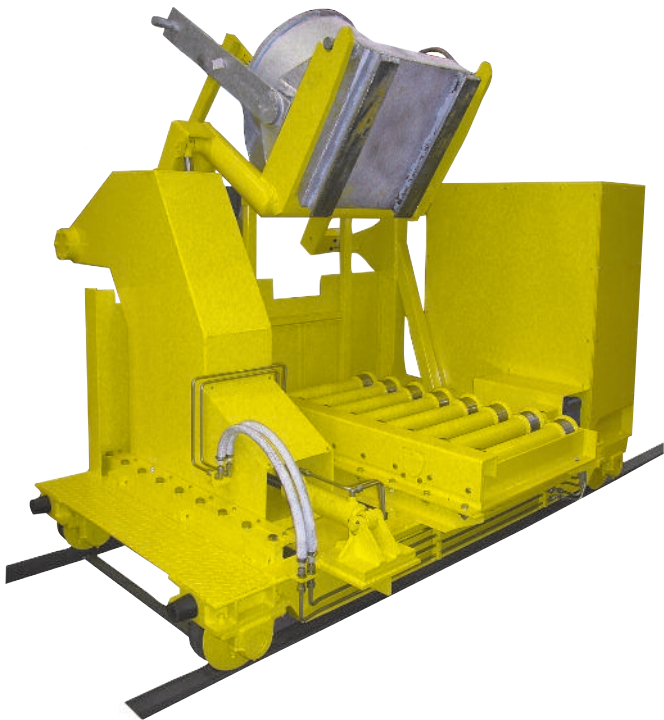
SBR 8R 250/4
Capacity load 250 t
Ladles steel mill handling for degassing



SBR 8R 440/4
Capacity load 440 t with weighing system
Ladles steel mill handling



SBR 8R 250/8
Capacity load 250 t
Diesel and alternate current feeding
Steel mill handling ladles on rectilinear and curvilinear rail



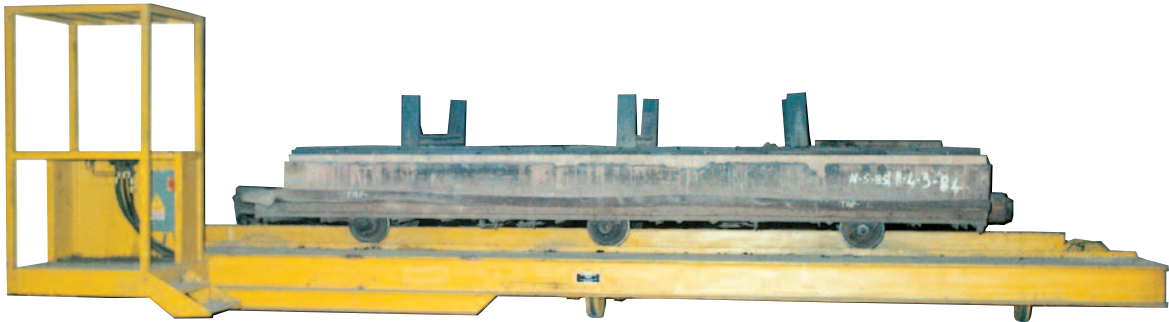
SBR 4R 3,5/2
Capacity load 3,5 t
Ladles translation and tilting for foundry



SBR 4R 3,5/2
Capacity load 3,5 t
Ladles translation and tilting for foundry



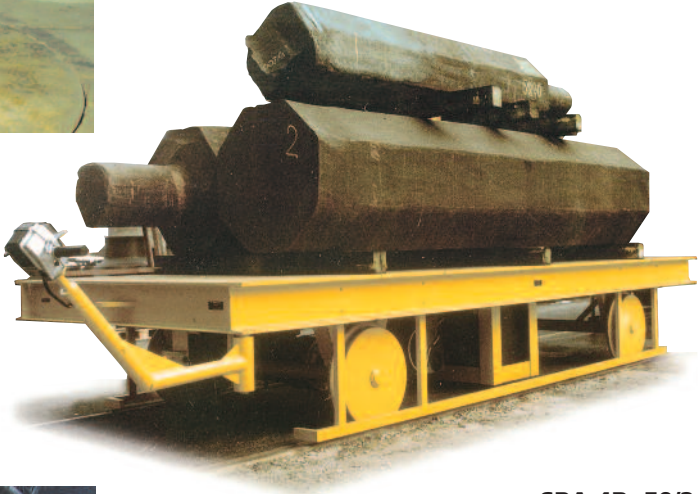
SBR 4R 60/2
Capacity load 60 t
Steel mill ladles handling



SBR 6R 70/2 Transfer table
70 t – 3000 x 9000 mm
Furnace mobile heart handling



SBA 6R 20/3 with turntable
Capacity load 20 t
Tanks handling containing aluminium exhaust salt



SBA 4R 50/2
50 t – 5000 x 1800 mm
Forgings handling



SBA 4R 50/2 with suspensions
50 t – 5000 x 3000 mm
Iron metallurgy products handling

SELF-PROPELLED TRAILERS ON RAIL



FB 8R 180/2 with suspensions
180 t – 5200 x 2200 mm
Coils handling



SBA 4R 60/2
60 t – 5000 x 1900 mm
Coils handling



SBR 6R 30/3 special
30 t – 8000 x 3250 mm
Coils handling in self-acting mode



SBA 4R 26/2
26 t – 4300 x 1900 mm
Coils handling

SBR 4R 90/2
90 t – 6500 x 2100 mm
Coils handling in self-acting mode



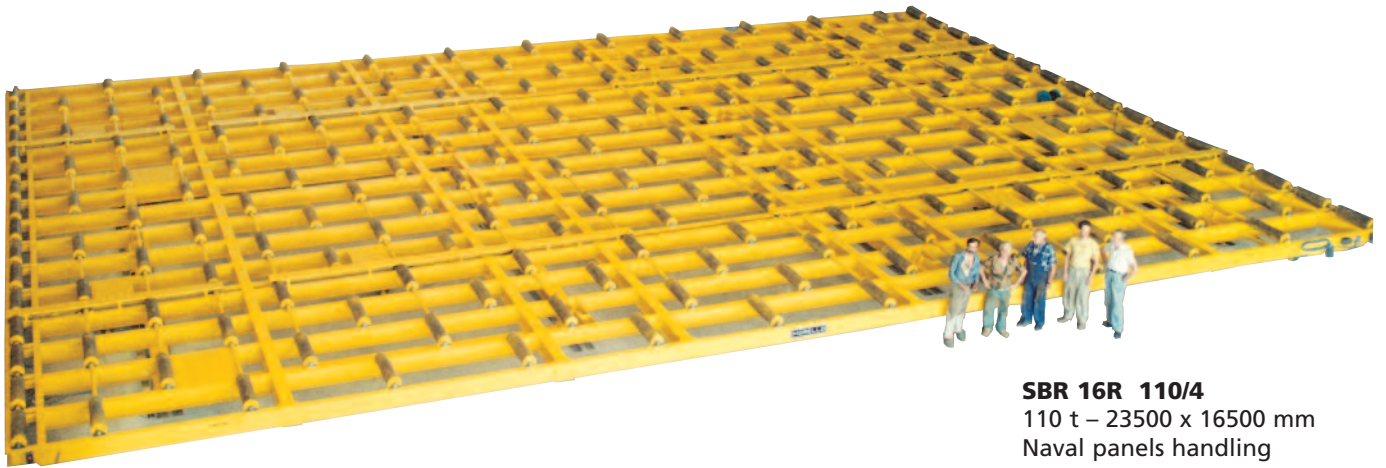
SBR 6R 70/3
70 t – 5000 x 2000 mm
Coils handling on rectilinear and curvilinear rail



SBR 4R 70/2 Self-acting
70 t – 4600 x 2000 mm
Coils handling

SBR 4R 44/2
44 t – 4000 x 2000 mm
Coils handling





SBR 16R 110/4
110 t – 23500 x 16500 mm
Naval panels handling



SBA 8R 8,5/4
8,5 t – 19000/23000 x 2000 x 900 (1600) mm
Railway electrical conductors handling



SBA 4R - 6/2
6 t – 4000 x 1100 mm
Pipes handling

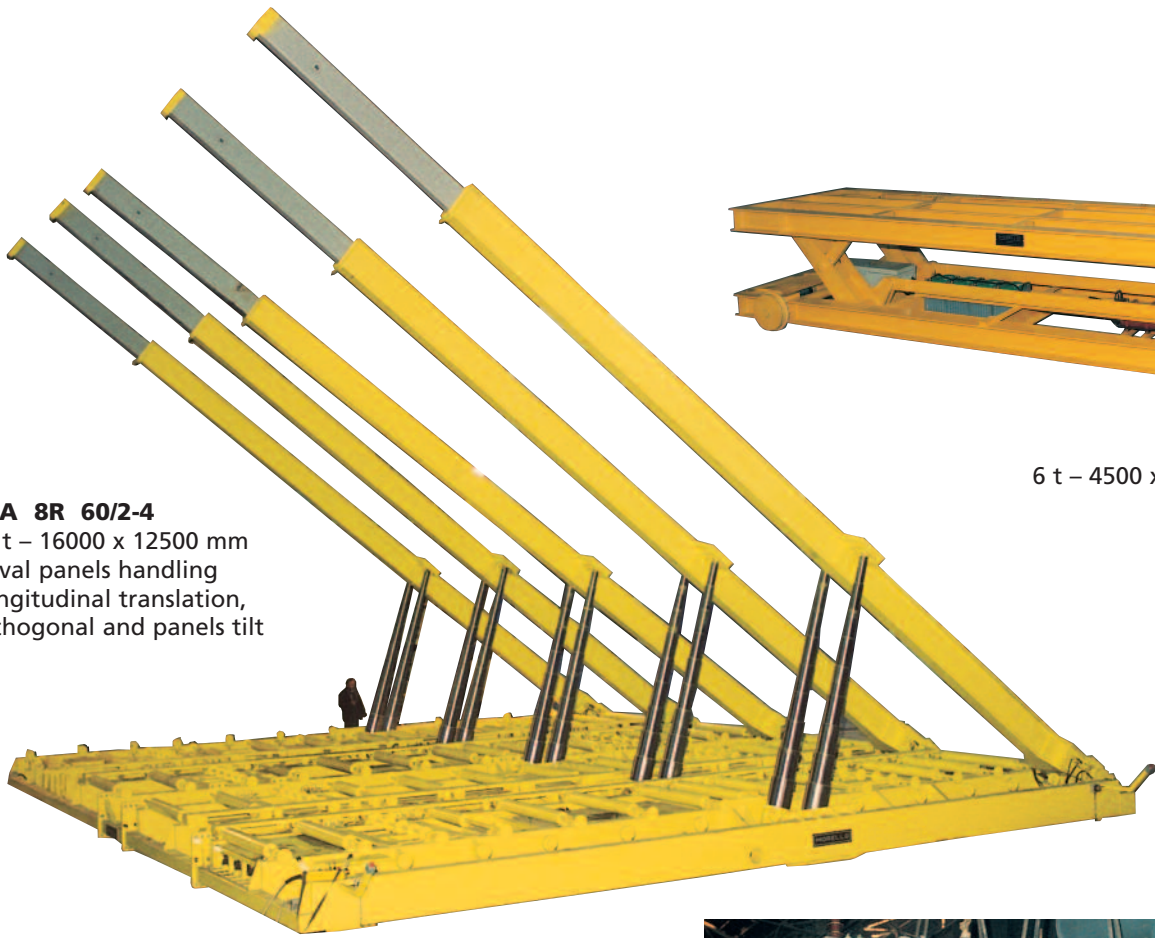


SBA 4 + 4R 10/2
10 t – 18000 x 3400 mm
Aluminium section bar with rotation of 180° of the loading platform and translation on orthogonal rails



SBA 6R 30/3 special
30 t – 14000 x 3000 mm

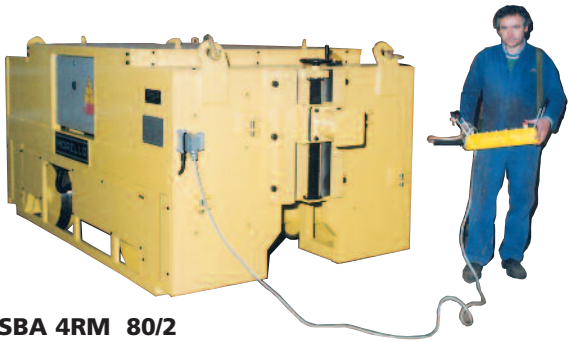
Naval structures handling. Possibility of translation on orthogonal rail by means of 90° rotation



SBA 8R 60/2-4
60 t – 16000 x 12500 mm
Naval panels handling
Longitudinal translation,
orthogonal and panels tilt



SBA 4R 6/2
6 t – 4500 x 1350 x 400 (850) mm
Containers handling

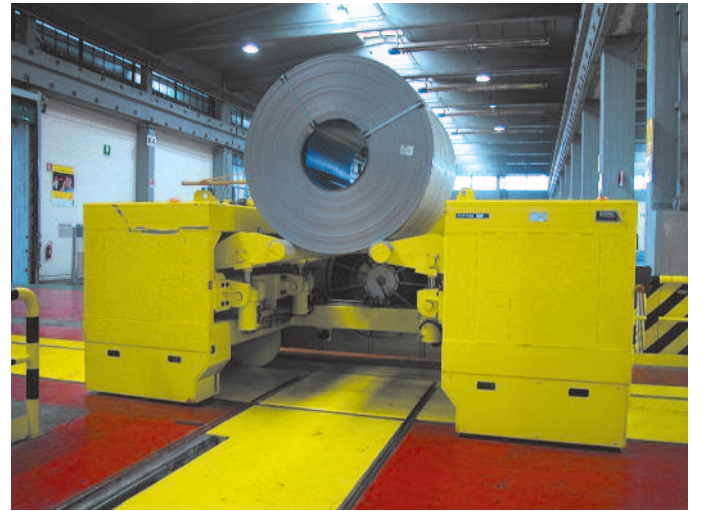
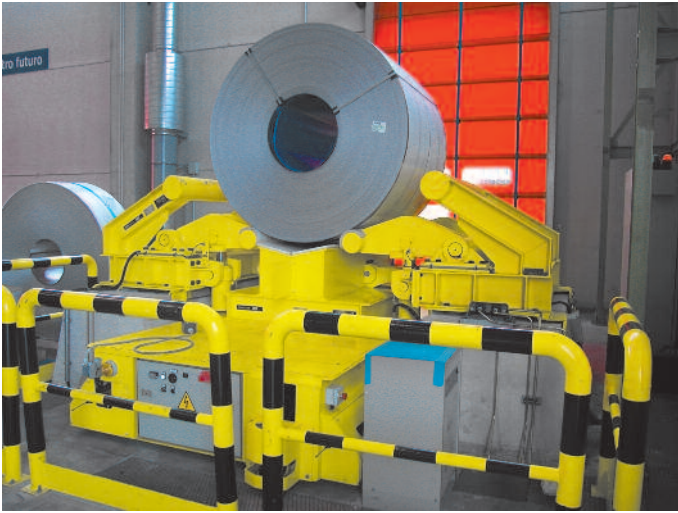


SBA 4RM 80/2
Tow capacity 80 t
Industrial tractor on rail



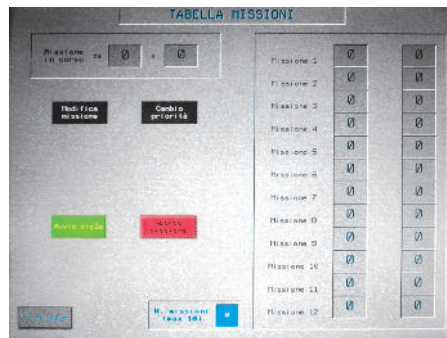
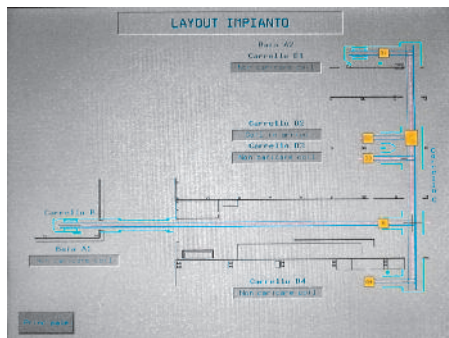
SBR 4R 90/2
90 t – 2000 x 2700 mm
Transformers handling

SELF-ACTING SYSTEM FOR COILS HANDLING





Plant in subject is able to handle coils, of 30 t max of weight, in full self-acting mode (without operators following trailers). In particular, the self-acting handling can be made in the stocking area to the four process lines and vice versa and by means of any process line to another.



System is essentially formed by:

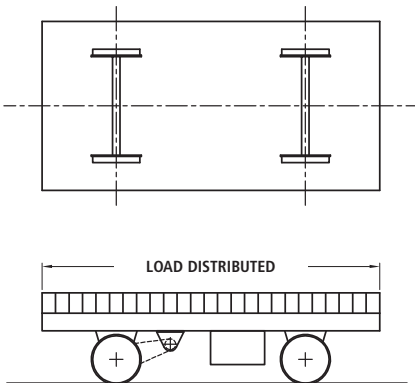
- n. 1 self-acting industrial trailer at storage battery and self-propelled trailer on rail, series SBA 6R
- n. 1 self-acting industrial trailer self-loading, at alternate current and self-propelled trailer on rail, series SBR 4R
- n. 4 self-acting industrial trailers, at alternate current and self-propelled trailer on rail, series SBR 6R
- n. 2 fixed stalls
- n. 1 main control site with operator panel
- n. 4 line control site with operator panel
- Safety system anticollision realized with scanner laser with programmable intervention area

SELF-PROPELLED TRAILERS ON RAIL

CAPACITY LOADS UP TO 500 t

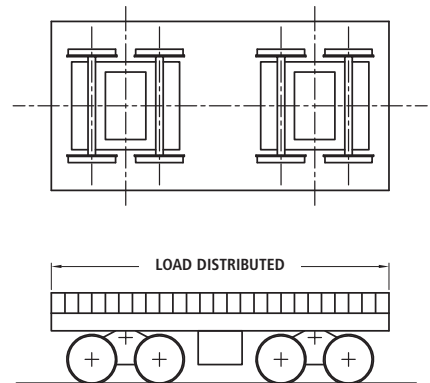
SERIES SBA/4R e SBR/4R

Capacity loads and dimensions on request



SERIES SBA/8R e SBR/8R

Capacity loads and dimensions on request

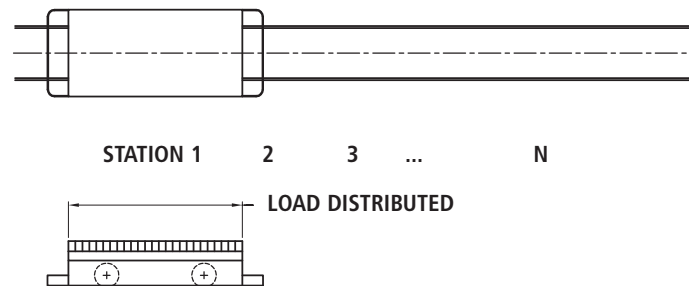


SERIES SBA e SBR Automatic

Industrial trailers **Self-propelled trailer on rail at self-acting handling** allow concrete exercise economics consequent to the full and continual employ without the operator intervention during translation.

Established by two to n load or unload stations, from anyone of these, the trailer can be forwarded to another one of the others with the only button pushing, or by means of a radio control.

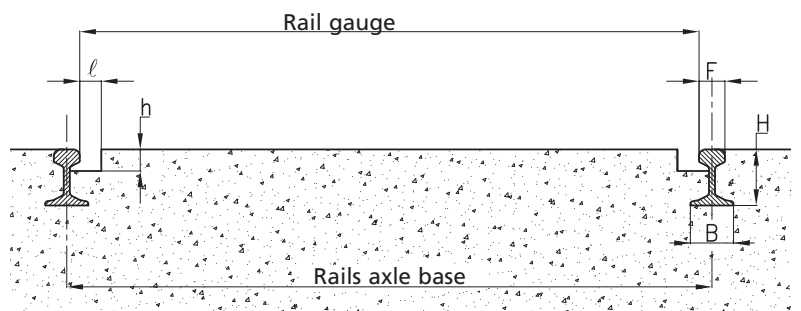
This trailers series allows a great flexibility in all manufacturing sectors.



SBR 4R Self-acting

RAILS FOR SELF-PROPELLED TRAILERS ON RAIL

Capacity load, gauge, length on request



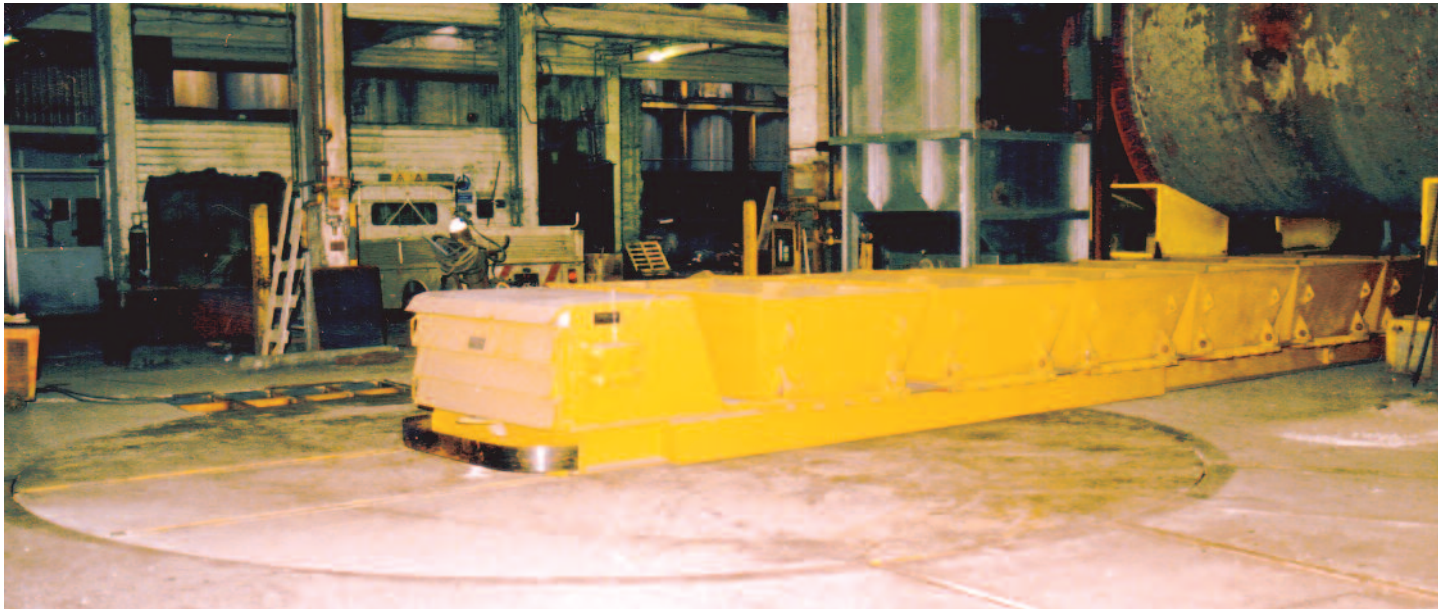
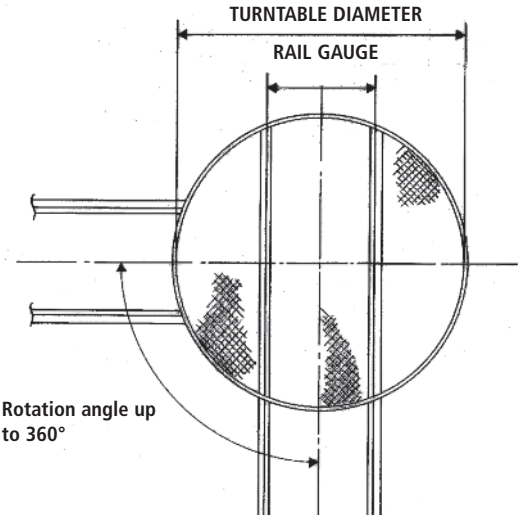
TURNTABLES WITH RAIL

Capacity loads and dimensions on request

In case the trailer run translating on rail should suffer a sudden deflection it is necessary to insert a turntable to imbed into the paving, as it is no possible to realize the same deviation with a normal rails radius of curvature variation.

The turntable handling can be manual, electro-mechanic or electro-hydraulic, in function of capacity load and dimensions.

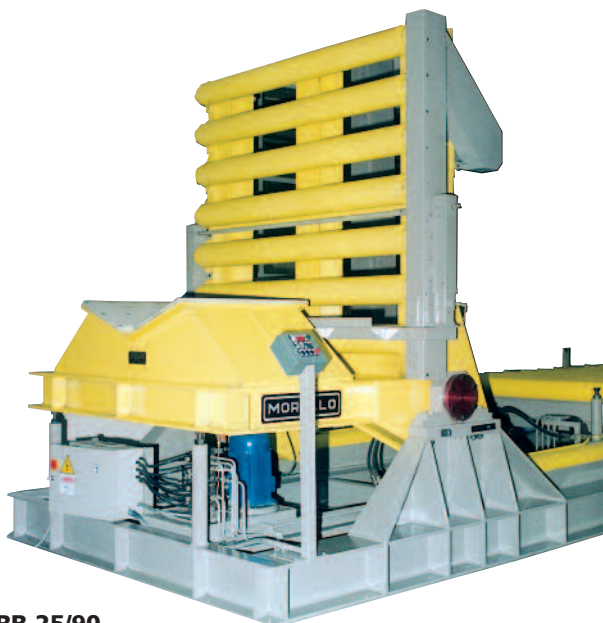
Dimensions and capacity loads are on request.



90°-140°-180° TIPPERS

Capacity loads and dimensions on request

To turn over coils, dies, tanks in easy way, functional and safe; above all when turn over results very dangerous or expensive with a normal traveling crane or with a fork lift truck. Tippers are congenial to feed systems or production lines; their turnover angle (140° or 180°) are in function of the piece type to unload.



RB 25/90
25 t – 2200 x 1100 x 2200 mm
90° coils with roller for scavenging tipper



RS 46/90
46 t – 2500 x 2500 x 3000 mm
90° tipper of systems components



RS 50/90
50 t – 2150 x 2150 x 2000 mm
90° tipper of systems components



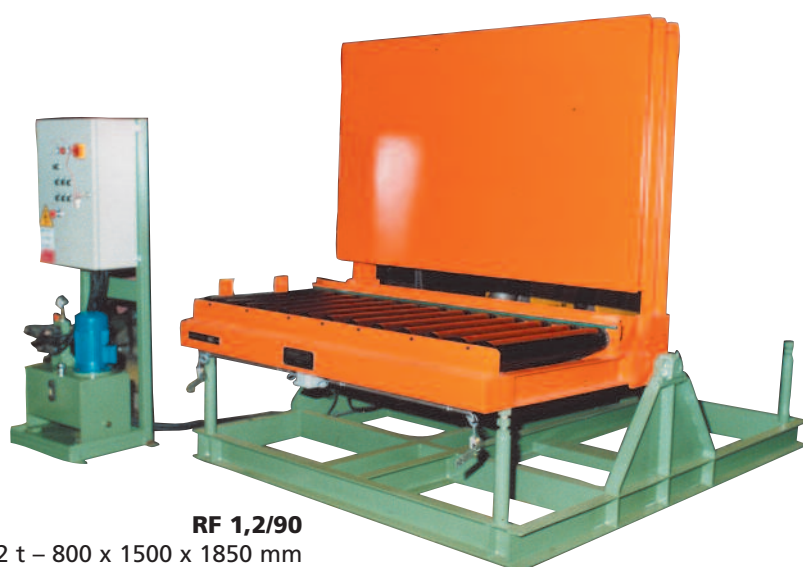
RS 15/90
15 t – 2600 x 2600 x 2200 mm
90° petroliferous valves tipper



RS 2/90
2 t – 1500 x 1500 x 1500 mm
90° dies tipper

MAIN TECHNICAL FEATURES

- Frame load in steel or formed by rollers
- Mechanic or hydraulic boxes lock
- Tipping by means of hydraulic cylinders, reducer gears, chains
- Safety valves parachute
- Electro-hydraulic or electro-mechanic feeding
- Deadening covering (on request)



RF 1,2/90
1,2 t – 800 x 1500 x 1850 mm
90° tipper



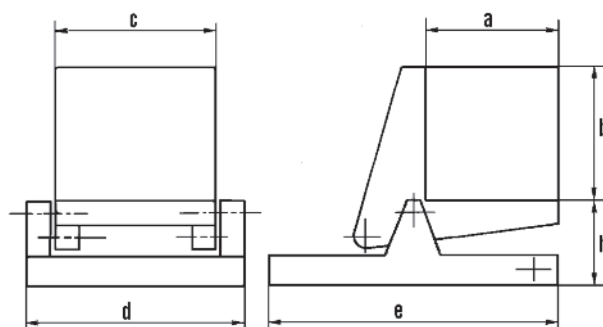
RC 3/90
3 t – 1200 x 650 x 2000 mm
90° tipper for foundry boxes



RS 15/90
15 t – 1650 x 1150 x 2900 mm
90° tipper of equipments



RS 5/90
5 t – 1100 x 1220 x 2250 mm
90° tipper of equipments

90° TIPPER SCHEME



RC 0,6/180
 0,6 t – 800 x 1000 mm
 180° Lifting and tipper for boxes
 with chain loading of the same

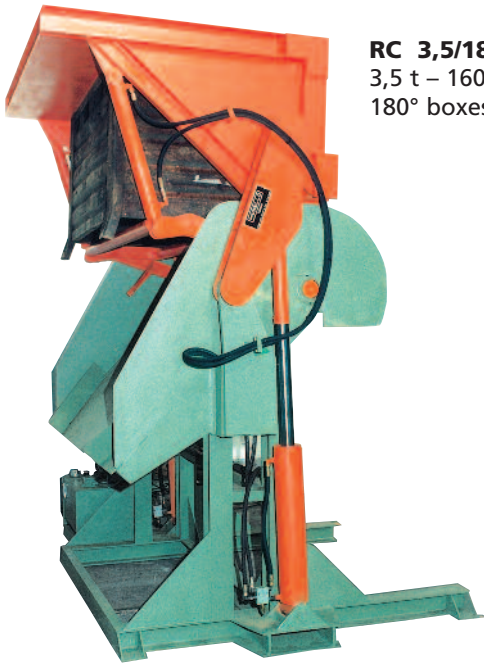


PC 2/85
 2 t – 1500 x 1150 mm
 85° tipper boxes



RC 3/180 with conveyor belt
 180° tipper for boxes with conveyor belt
 for pieces scavenging

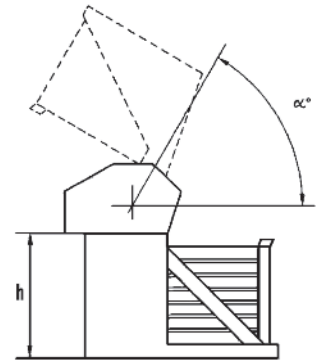




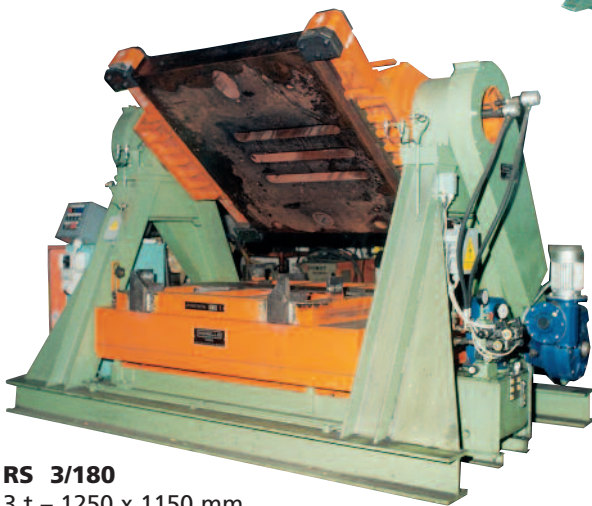
RC 3,5/180
3,5 t – 1600 x 1200 mm
180° boxes tipper



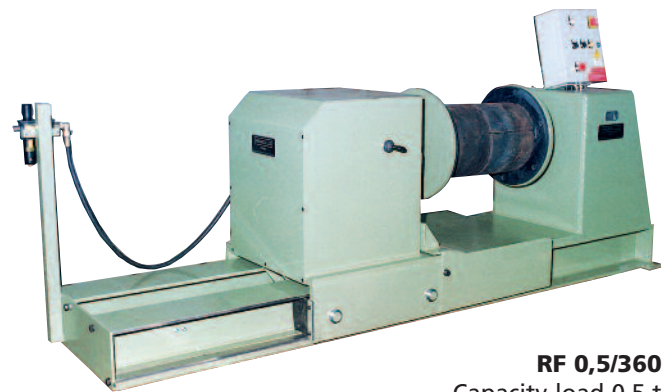
BOXES TIPPER SCHEME



RC 2,5/140
2,5 t – 1500 X 1200 mm
140° boxes tipper



RS 3/180
3 t – 1250 x 1150 mm
180° dies tipper



RF 0,5/360
Capacity load 0,5 t
360° smeltings tipper



RA 30/360
Capacity load 30 t
360° equipments tipper

LIFTING PLATFORMS

CAPACITY LOADS UP TO 350 t



PE F 2,5/X

2,5 t – 8500 x 2500 x 550 (2350) mm
Aeronautical constructions handling

To lift any kind of load in easy way, functional and safe. The lift platforms employ has been diffused to all the manufacturing sectors with consequent reduction of work times and reduction of production costs.

Their engineering and construction is made with the most advanced mechanical and modular oil-dynamical principles

MAIN TECHNICAL FEATURES

- Frame load in steel plate smooth or striated
- Structures suitable to resist to static and dynamic stress
- Parachute safety valves
- Electrical or pneumatic feeding
- **On request** it is possible to have:
 - safety railing to apply to the frame load
 - easement pallets
 - translations wheels



PE 30/X

30 t – 6000 x 1000 x 1300 (2300) mm
Military landings handling



PE/SP 2/DX

2 t – 5000 x 2500 x 1600 (5800) mm
Cars handling



PE 12/X
12 t – 5600 x 1400 x 800 (2450) mm
Iron components handling



PE 5/TX
5 t – 3800 x 2000 x 1000 (6150) mm
Mobile equipments handling



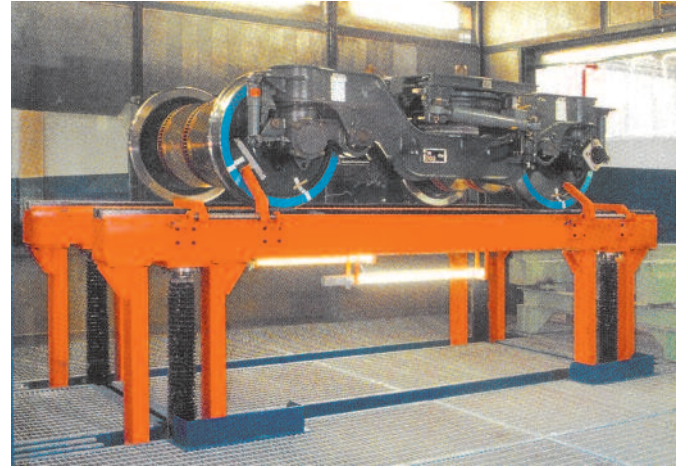
PE SR 15/DX
15 t – 2800 x 2000 x 1050 (3950) mm
Self-propelled trailer for coil handling



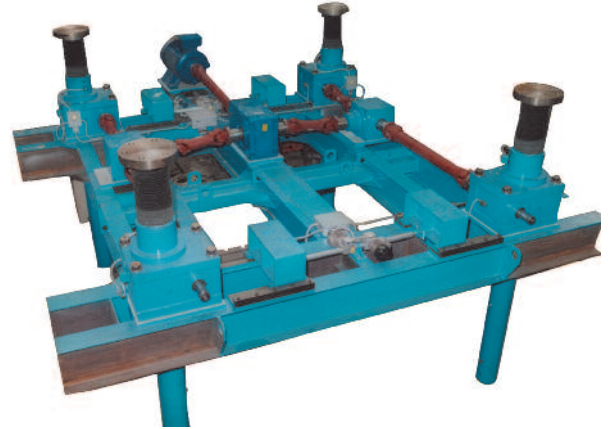
PE 3/DX
3 t – 2500 x 1300 x 1300 (4100) mm
Pallets loads handling



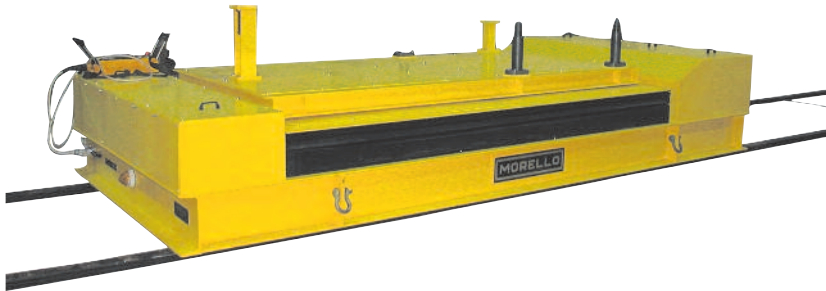
Tired equipments lifting system
Capacity load 10 t
Upstroke 1800 mm



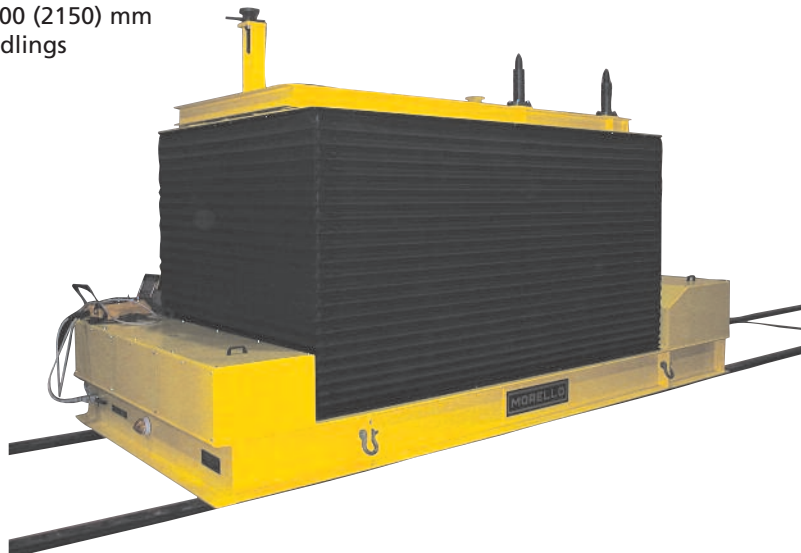
Railways trolleys lifting system
Capacity load 25 t
Upstroke 1600 mm



PE 300 VSF
300 t – 5000 x 4500 x 2000 (3800) mm
Landles with zinc handling



SBA 4R – 5/2 elevabile
5 t – 3100 x 1600 x 800 (2150) mm
Railways handlings

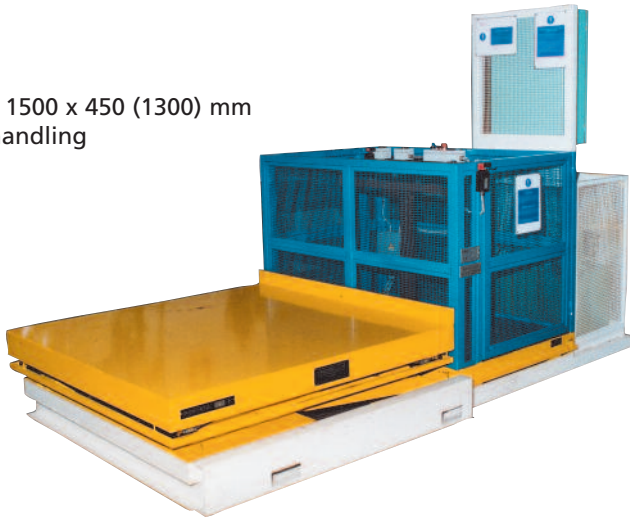




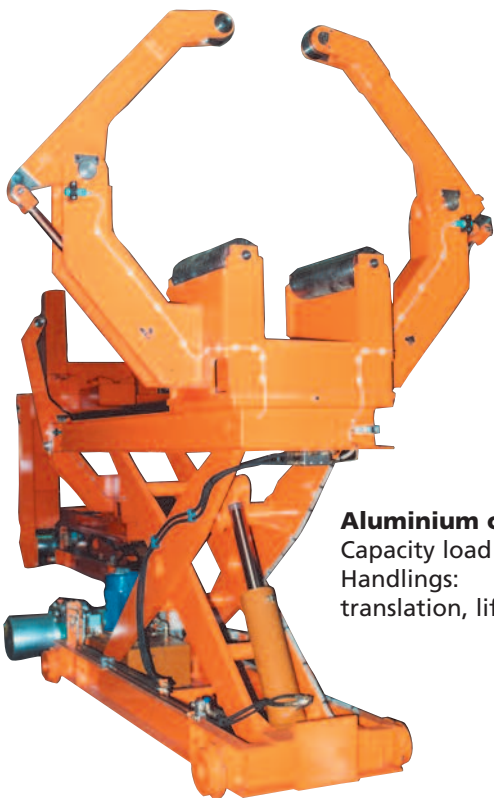
PE SR - 3/DX
3 t - 1600 x 1600 x 1150 (2650) mm
Iron handling



PE 5/X
5 t - 1600 x 1500 x 450 (1300) mm
Mill packs handling



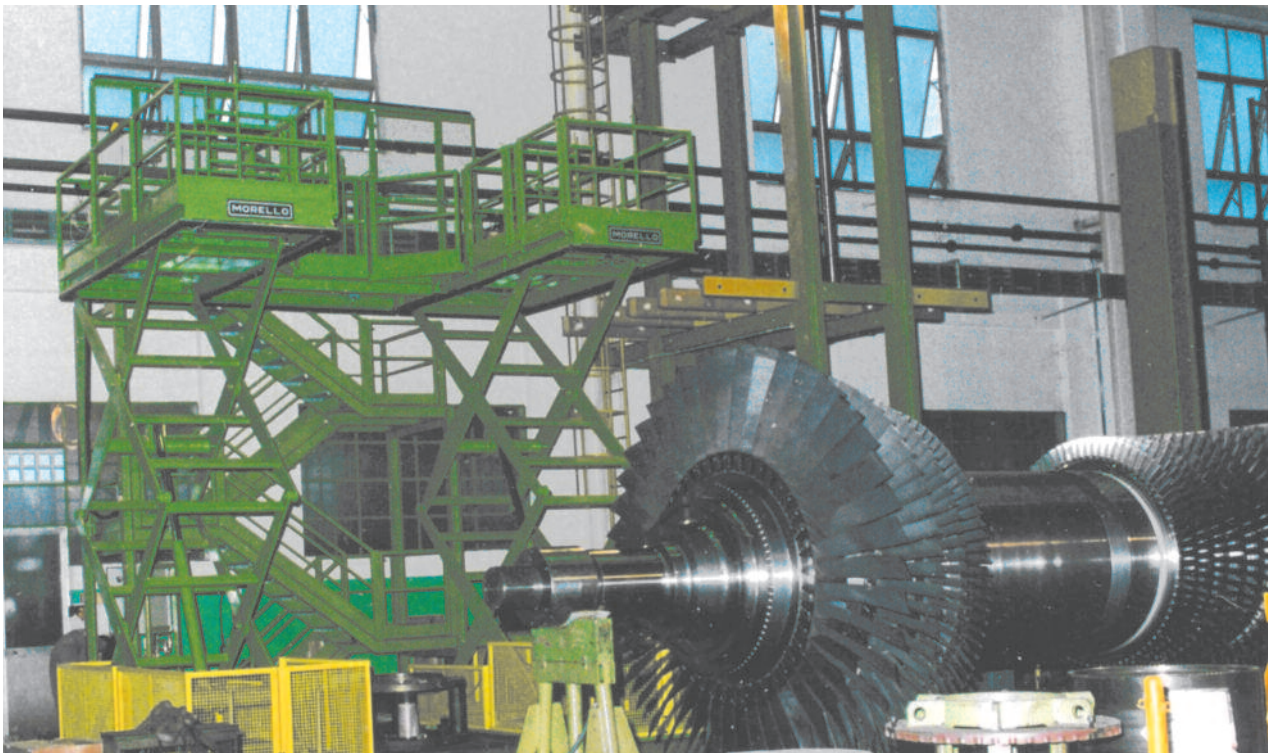
PE SA 6/X
6 t - 1900 x 1200 x 700 (1250) mm
Self-propelled trailer for dies handling



Aluminium coils handling system
Capacity load 12 t
Handlings:
translation, lifting, locking

PE SA - 2/DX
2 t - 1400 x 1220 x 650 (2020) mm
Iron handlings





PLE 500/2 DX

500 kg – 5000 x 3800 x 1000 (5000) mm
Work lifting platforms for assembly pallets on turbine trees



tPE SBA 4R 300/DX
300 kg – 2500 x 750 x 550 (3000) mm
Personnel and railways components handling



PLE 200 VS
200 kg – 900 x 700 x 300 (3000) mm
Work lifting platform
with 360° rotation





PE F 1/X
 1 t – 4000 x 1500 x 800 (3000) mm
 Personnel and components handling of industrial boilers



Handling system personnel in painting box
 Capacity load 300 kg
 Upstroke 5800 mm
 Transversal run 2500 mm
 Longitudinal run 30 m



PE F 1/X
 1 t – 5500 x 800 x 650 (2500) mm
 Personnel and transformers components handling



Handling system for testing sector
 Capacity load 250 kg
 Upstroke 1000 mm
 Transversal run 1600 mm
 Longitudinal run 118 m

PLE 300 SB 4 + 4R

300 kg – 3200 x 1800 x 900 (3500) mm
Lifting work platform with translation on orthogonal rails



PE T special

Capacity load 500 kg – Diameter 2800 mm – Run 9000 mm
Personnel handling inside cylindrical handworks



PE VS 600/X special

600 kg – 2900 x 900 x 3600 (4400) mm
Personnel handling

NORMALIZED INDUSTRIAL LIFTING PLATFORMS

CAPACITY LOAD 1000 kg

NORMAL ELEVATION			
Type	Dimensions frame of load in mm	Height closed	Run
AXN 1121	1400 x 1200	300	800
AXN 1122	1400 x 1400	300	800
AXN 1123	1700 x 1300	300	1050
AXN 1124	1700 x 1500	300	1050
AXN 1125	2000 x 1300	300	1050
AXN 1126	2000 x 1500	300	1050
AXN 1127	2000 x 1300	350	1200
AXN 1128	2000 x 1500	350	1200
AXN 1129	2300 x 1300	350	1500
AXN 1130	2300 x 1500	350	1500
AXN 1131	2500 x 1300	350	1500
AXN 1132	2500 x 1500	350	1500
AXN 1133	3000 x 1000	350	1800
AXN 1134	3000 x 1200	350	1800
AXN 1135	3000 x 1500	350	1800
AXN 1137	3000 x 2000	350	1800

HIGH ELEVATION			
Type	Dimensions frame of load in mm	Height closed	Run
ADXN 2096	800 x 700	350	600
ADXN 2097	1000 x 800	400	900
ADXN 2098	1200 x 800	500	1200
ADXN 2100	1200 x 1200	500	1200
ADXN 2101	1400 x 1000	500	1500
ADXN 2102/B	1400 x 1400	500	1500
ADXN 2103	1500 x 1000	500	1500
ADXN 2104/B	1500 x 1400	500	1500
ADXN 2105	1700 x 1000	500	2000
ADXN 2105/B	2000 x 1000	500	2000
ADXN 2106/C	1700 x 1500	500	2000
ADXN 2106/D	2000 x 1500	500	2000
ADXN 2107	2000 x 1000	550	2300
ADXN 2108/B	2000 x 1500	550	2300
ADXN 2109	2500 x 1200	550	2700
ADXN 2111	2500 x 1500	550	2700

CAPACITY LOAD 2000 kg

NORMAL ELEVATION			
Type	Dimensions frame of load in mm	Height closed	Run
AXN 1201	1400 x 1000	300	800
AXN 1202	1400 x 1200	300	800
AXN 1203	1500 x 1000	300	800
AXN 1204	1500 x 1200	300	800
AXN 1205	1700 x 1000	300	1050
AXN 1206	1700 x 1200	300	1050
AXN 1207	2000 x 1000	300	1050
AXN 1208	2000 x 1200	300	1050
AXN 1209	2000 x 1000	350	1200
AXN 1210	2000 x 1200	350	1200
AXN 1211	2500 x 1200	350	1500
AXN 1212	2500 x 1400	350	1500
AXN 1213	3000 x 1500	350	1800
AXN 1214	3000 x 1800	350	1800
AXN 1215	3000 x 2000	350	1800

HIGH ELEVATION			
Type	Dimensions frame of load in mm	Height closed	Run
ADXN 2196	800 x 700	350	600
ADXN 2197	1000 x 800	400	900
ADXN 2198	1200 x 800	500	1200
ADXN 2200	1200 x 1200	500	1200
ADXN 2201	1400 x 1000	500	1500
ADXN 2202/B	1400 x 1400	500	1500
ADXN 2203	1500 x 1000	500	1500
ADXN 2204/B	1500 x 1400	500	1500
ADXN 2205	1700 x 1000	500	2000
ADXN 2205/B	2000 x 1000	500	2000
ADXN 2206/C	1700 x 1500	500	2000
ADXN 2206/D	2000 x 1500	500	2000
ADXN 2207	2000 x 1000	550	2300
ADXN 2208/B	2000 x 1500	550	2300
ADXN 2209	2500 x 1200	550	2700
ADXN 2211	2500 x 1500	550	2700

VCAPACITY LOAD 3000

NORMAL ELEVATION			
Type	Dimensions frame of load in mm	Height closed	Run
AXN 1301	1600 x 1000	400	800
AXN 1302	1600 x 1200	400	800
AXN 1303	2000 x 1000	400	1000
AXN 1304	2000 x 1200	400	1000
AXN 1305/B	2000 x 1000	400	1200
AXN 1306/B	2000 x 1200	400	1200
AXN 1307	2500 x 1200	400	1500
AXN 1308	2500 x 1400	400	1500
AXN 1309	3000 x 1500	400	1800
AXN 1310	3000 x 1800	400	1800
AXN 1311	3000 x 2000	400	1800

HIGH ELEVATION			
Type	Dimensions frame of load in mm	Height closed	Run
ADXN 2301	1600 x 1000	600	1500
ADXN 2302	1600 x 1200	600	1500
ADXN 2303	2000 x 1000	600	1900
ADXN 2304	2000 x 1200	600	1900
ADXN 2305	2200 x 1000	650	2300
ADXN 2306	2200 x 1200	650	2300
ADXN 2307	2500 x 1200	650	2700
ADXN 2308	2500 x 1400	650	2700

CAPACITY LOAD 5000 kg

NORMAL ELEVATION			
Type	Dimensions frame of load in mm	Height closed	Run
AXN 1501	1800 x 1000	450	800
AXN 1502	2000 x 1000	450	800
AXN 1503	2000 x 1200	450	800
AXN 1504	2000 x 1000	450	1000
AXN 1505	2000 x 1200	450	1000
AXN 1506	2500 x 1200	450	1300
AXN 1507	2500 x 1500	450	1300
AXN 1508	3000 x 1200	500	1500
AXN 1509	3000 x 1500	500	1500
AXN 1510	3000 x 1200		1800
AXN 1511	3000 x 1500		1800
AXN 1512	3000 x 2000		1800

CAPACITY LOAD 7000 kg

HIGH ELEVATION			
Type	Dimensions frame of load in mm	Height closed	Run
AXN 1701	1800 x 1000	450	800
AXN 1702	2000 x 1000	450	800
AXN 1703	2000 x 1200	450	800
AXN 1704	2000 x 1000	450	1000
AXN 1705	2000 x 1200	450	1000
AXN 1706	2500 x 1200	450	1300
AXN 1707	2500 x 1500	450	1300
AXN 1708	3000 x 1200	500	1500
AXN 1709	3000 x 1500	500	1500
AXN 1710	3000 x 1200		1800
AXN 1711	3000 x 1500		1800
AXN 1712	3000 x 2000		1800

LIFTING PLATFORMS FOR TWO FLOORS CONNECTION

CAPACITY LOAD 500-3000 kg

STROKE 3000 mm			
Type	Capacity load	Dimensions frame of load in mm	Height closed
ATX	500	1700/2200 x 900/1500	650
ATX	1000	1800/2000 x 900/1600	750
ATX	2000	1800/2000 x 900/1600	750
ATX	3000	1900/2000 x 900/2100	900
ADX	1000	2500/2800 x 900/2000	600
ADX	2000	2500/2800 x 900/2000	600
ADX	3000	2500/3000 x 900/2000	700

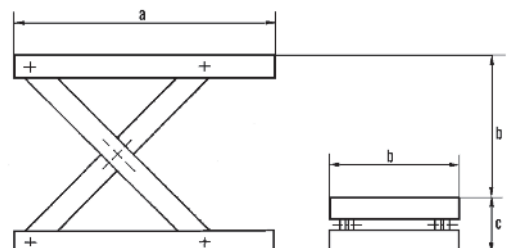
STROKE 3500 mm			
Type	Capacity load	Dimensions frame of load in mm	Height closed
ATX	500	1800/2300 x 900/1500	650
ATX	1000	2000/2300 x 900/2000	800
ATX	2000	2000/2300 x 900/2000	800
ATX	3000	2200/2500 x 900/2100	1000
ADX	1000	2800/3000 x 1000/2400	700
ADX	2000	2800/3000 x 1000/2400	700

STROKE 4000 mm			
Type	Capacity load	Dimensions frame of load in mm	Height closed
ATX	500	2200/2700 x 900/1500	750
ATX	1000	2300/2500 x 900/2000	850
ATX	2000	2300/2500 x 900/2000	850
ATX	3000	2400/2700 x 900/2100	1050
ADX	1000	3100/3500 x 1000/2400	750
ADX	2000	3100/3500 x 1000/2400	750

STROKE 4500 mm			
Type	Capacity load	Dimensions frame of load in mm	Height closed
ATX	500	2500/2900 x 900/1500	800
ATX	1000	2500/2900 x 900/2000	950
ATX	2000	2500/2900 x 900/2000	950
ATX	3000	2700/3000 x 900/2100	1100
ADX	1000	3500/4000 x 1000/2400	850
ADX	2000	3500/4000 x 1000/2400	850

STROKE 5000 mm			
Type	Capacity load	Dimensions frame of load in mm	Height closed
ATX	1000	2700/3000 x 900/1400	1000
ATX	1500	2700/3000 x 1400/2000	1000
ATX	2000	2700/3000 x 900/2000	1000
ATX	3000	3000/3300 x 900/2100	1100
ADX	1000	3900/4200 x 1000/2400	900
ADX	2000	3900/4200 x 1000/2400	900

LIFTING PLATFORM SCHEME



HANDLING EQUIPMENTS

TO HANDLE DIES, COILS, SPECIAL LOADS, PRODUCTS IN FAST AND SAFE WAY



Load-dies self-propelled trailers on rail

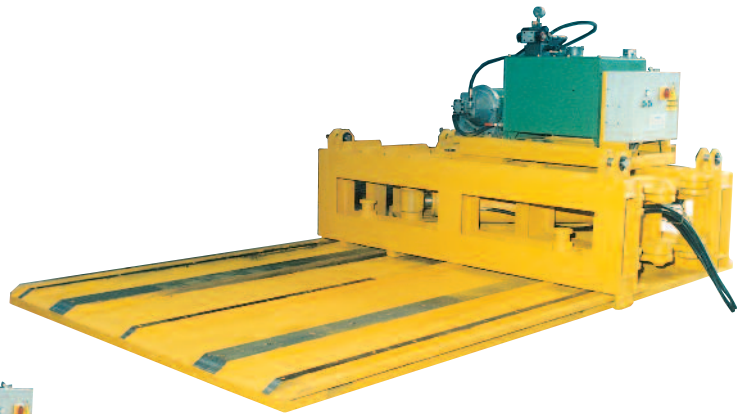
Capacity load 30 t

For loading and unloading of big dies on presses

Handling dies load with crane

Capacity load 30 t

For load and unload of big dies on press



Load-dies with lifting load frame

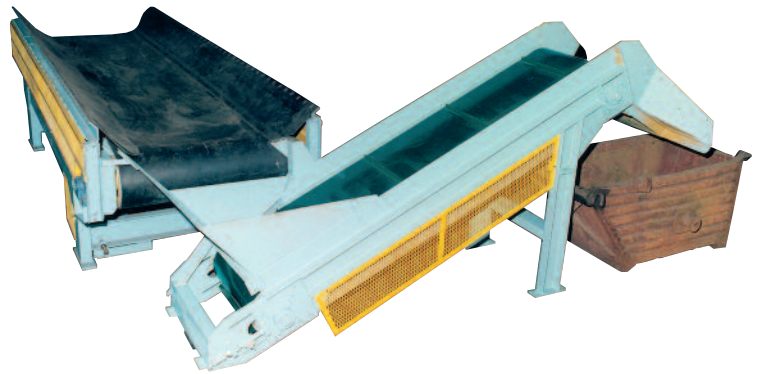
Capacity load 30 t

For loading and unloading of big dies on presses





Lifting system at pantograph
Applied at crane



Transporters belt trippers for iron industries
Dimensions and capacity loads on request



Self-propelled crane
Capacity load on request
Various materials handling
Electrical or diesel motorization

Trolley for naval huts
Capacity load on request



Load-dies with frame load at needles
Capacity load 45 t
For loading and unloading of big dies on presses

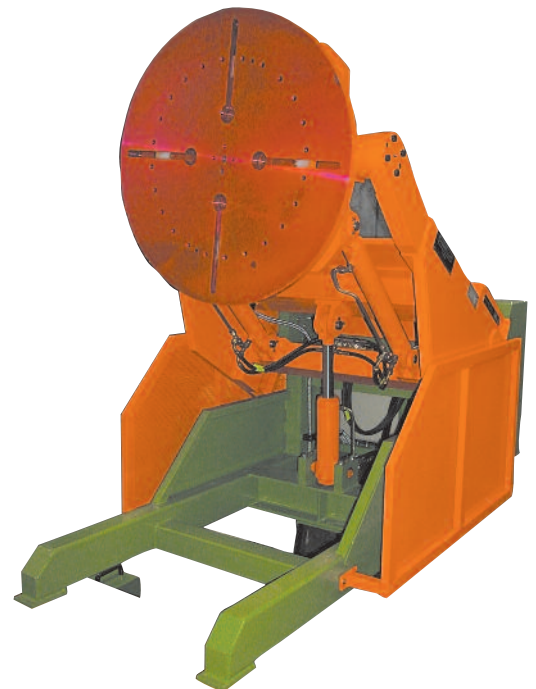


Tired tractor

Handling idles trolleys on rail
with max capacity load 230 t

**Railways vehicles hoisters**

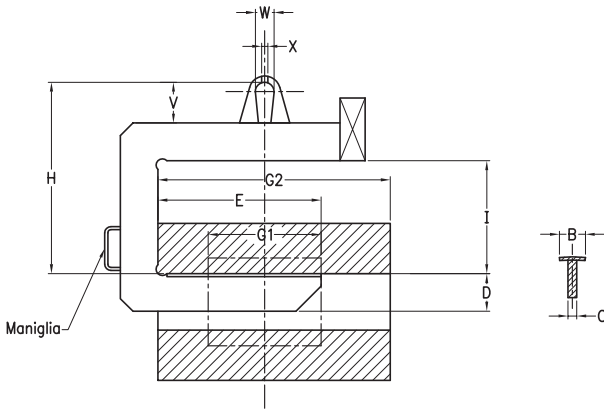
Capacity load 12,5 t /each one
Others capacity loads on request

**Placement pieces system**

Capacity load 6 t
Frame load diameter 1700 mm
Handlings: rotation, lifting and tilt

"C" HOOKS FOR COILS

CAPACITY LOADS UP TO 40 t



"C" hook
Capacity loads up to 50 t
For coils handling

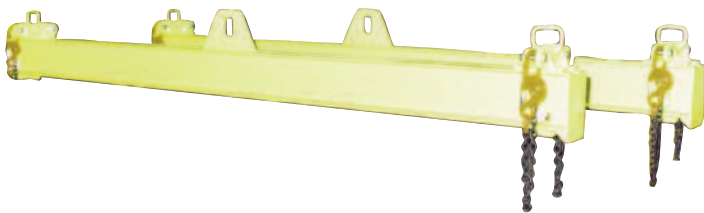
Capacity load in t	E mm	I mm	D mm
1	600	450	110
	750	450	115
	1000	450	130
2,5	600	500	140
	750	500	150
	1000	500	190
5	750	550	175
	1000	550	200
	1300	550	220
	1500	550	240
7,5	750	550	220
	1000	550	250
	1300	550	270
	1500	550	290

Capacity load in t	E mm	I mm	D mm
10	1000	650	270
	1300	650	290
	1500	650	310
	1700	650	330
15	1000	700	290
	1300	700	340
	1500	700	350
	1700	700	370
20	1000	850	330
	1300	800	360
	1500	800	390
	1700	850	420
	2000	850	450

Capacity load in t	E mm	I mm	D mm
25	1000	850	360
	1300	850	380
	1500	850	410
	1700	850	430
30	2000	850	460
	1200	950	390
	1300	950	420
	1500	950	460
40	1700	950	480
	2000	950	480
	1200	1050	450
	1300	1050	470
	1500	1050	480
	1700	1050	480
2000	1050	480	

CROSS MEMBERS FOR LIFTING

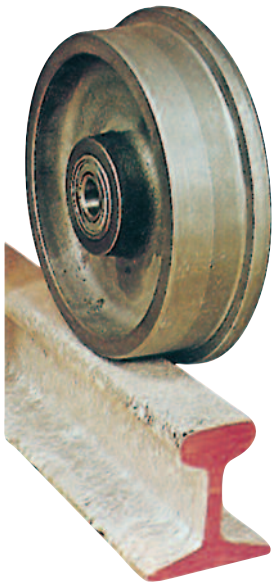
Capacity loads and dimensions on request



Cross members for lifting
Capacity loads up to 40 t
At fixed and adjustable axle base

SPARES PARTS AND ACCESSORIES

MAIN SPARE PARTS NORMALLY AVAILABLE OR READY IN A SHORT TIME

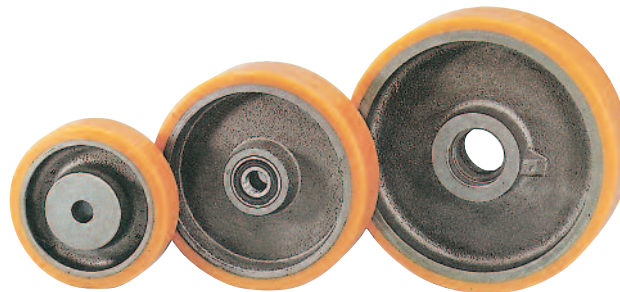


Steel railway wheels
Weight capacity from 250 to 50.000 kg

Wheels Gran Carico in solid tire
Weight capacity from 600 to 15.500 kg



Super-elastic rings in solid tire
Weight capacity from 250 to 11.000 kg



Vulkollan wheels
Weight capacity from 200 to 15.000 kg

Vulkollan rings
Weight capacity from 200 to 15.000 kg



Pneumatic wheels
Weight capacity from 400 to 20.000 kg



Cushion rings in solid tire
Weight capacity from 200 to 13.000 kg

Ball or needle bearing fifth wheels
Weight capacity from 0,75 to 500 t



Trail eyes for towing rudder
To tow up to 500 t



WHEELS AND AXLES FOR TRAILER AND INDUSTRIAL TROLLEYS

WHEELS SERIES GRAN CARICO

WEIGHT CAPACITY UP TO 15,5 t

Wheels, supports and axles of series **Gran Carico** have been conceived for employs extremely heavy and they result particularly indicated for the construction of trailers and trolley for factory material handling. They offer a great resistance to the abrasion, to the tearing and to the heat, and they present a good smoothness. Further, they have a good resistance to the compression permanent deformation and this property allows the employ when the load is applied in permanence for a long time.



CORE in electro-welded steel realized by a ring and by two or three flanges of suitable thickness. **On request** it is possible to realize it with a single central flange of high thickness for assembly on axles with brakes.

HUBS with ball bearings seats or at conical rolls. **On request** it is possible to realize with through hole with key seat for traction problems.

COVERING in solid tire with high performances for oil and wear.

Max **SPEED** 6 km/h.

Diameter for width band in t	Weight capacity in kg	Hub length in mm	Bearings seat diameter for depth in mm	Code
200 x 70	600	70	62 x 22	GC 200/70
200 x 100	800	100	62 x 22	GC 200/100
200 x 150	1000	150	72 x 23	GC 200/150
250 x 70	700	70	62 x 22	GC 250/70
250 x 100	1000	100	62 x 22	GC 250/100
250 x 150	1200	150	72 x 25	GC 250/150
300 x 80	800	80	62 x 20	GC 300/80
300 x 105	1200	105	62 x 20	GC 300/105
300 x 120	1400	120	72 x 25	GC 300/120
300 x 150	1700	150	80 x 25	GC 300/150
300 x 200	2000	200	90 x 28	GC 300/200
300 x 220	2500	220	90 x 28	GC 300/220
400 x 80	900	80	62 x 22	GC 400/80
400 x 100	1200	100	80 x 30	GC 400/100
400 x 120	1500	100	90 x 28	GC 400/120
400 x 150	2000	120	110 x 33	GC 400/150
400 x 175	2500	150	110 x 35	GC 400/175
400 x 200	3000	170	110 x 35	GC 400/200
400 x 250	4000	210	110 x 50	GC 400/250
400 x 275	4500	230	110 x 50	GC 400/275
400 x 300	5000	250	110 x 50	GC 400/300
450 x 230	4250	180	110 x 50	GC 450/230
450 x 300	5500	250	110 x 50	GC 450/300
500 x 70	900	70	72 x 25	GC 500/70
500 x 100	1500	80	90 x 26	GC 500/100
500 x 150	2500	98	100 x 38	GC 500/150
500 x 200	4000	150	110 x 50	GC 500/200
500 x 230	5000	180	110 x 50	GC 500/230
500 x 250	5600	200	110 x 50	GC 500/250
500 x 275	6300	230	125 x 50	GC 500/275
500 x 300	7000	250	125 x 50	GC 500/300
560 x 250	5600	200	110 x 50	GC 560/250
560 x 350	8300	250	140 x 52/150 x 37	GC 560/350
560 x 400	10500	300	140 x 57/150 x 37	GC 560/400
620 x 420	12300	300	160 x 62/170 x 41	GC 620/420
660 x 250	6000	200	125 x 50	GC 660/250
660 x 300	7500	250	125 x 50	GC 660/300
700 x 250	6500	200	125 x 50	GC 700/250
700 x 300	7500	250	125 x 50	GC 700/300
700 x 350	8500	250	140 x 52/150 x 37	GC 700/350
700 x 400	12300	300	160 x 62/170 x 41	GC 700/400
700 x 450	14000	350	210 x 85/210 x 48	GC 700/450
700 x 500	15000	350	225 x 88/225 x 51	GC 700/500
700 x 550	15500	390	240 x 91/240 x 54	GC 700/550
900 x 350	9000	250	140 x 52/150 x 37	GC 900/350
900 x 400	12500	300	160 x 62/170 x 41	GC 900/400

WHEELS AND AXLES SERIES DECAUVILLE

wheels series **Decauville** in steel Fe 42/52, or in steel C40/45 hardened and tempered, are specially indicated for trucks and cranes construction that translate on rail.

They offer an high mechanical resistance, also in presence of possible overloads, in union with a low rolling coefficient.

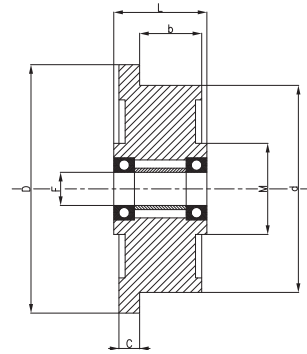
**UNTIED WHEELS SERIES DECAUVILLE
WEIGHT CAPACITY 600-50.000 kg**

CORE in steel with high mechanical resistance

HUB with ball bearings seats or at conical rolls. **On request** it is possible to realize it with through hole for traction problems.

Max **SPEED** 7 km/h

ON REQUEST it is possible to built them without flat band, with double flat band or with triangular groove for translation on angle iron.

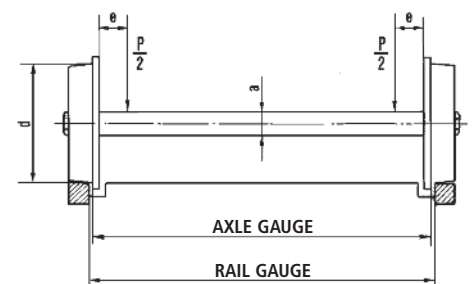


Diameter wheel rolling in mm	Flange width in mm	Flange width in mm	Wheel weight capacity in steel Fe in kg	Wheel weight capacity in steel C40 in kg	Bearings seat diameter for depth	Code Wheel in steel Fe	Code Wheel in steel C40
75	30	10	600	900	O N R E Q U E S T	DF1	DC1
105	30	10	800	1250		DF2	DC2
130	35	10	1300	1950		DF3	DC3
140	45	13	1950	2900		DF4	DC4
150	45	13	2000	3150		DF5	DC5
175	45	13	2450	3650		DF6	DC6
200	45	13	2800	4200		DF7	DC7
225	45	13	3150	4700		DF8	DC8
250	45	13	3500	5250		DF9	DC9
300	50	18	4200	6300		DF10	DC10
300	55	20	4800	7200		DF11	DC11
400	55	20	6400	9600		DF12	DC12
500	55	20	8000	12000		DF13	DC13
500	70	25	11000	16500		DF14	DC14
500	70	25	12000	18000		DF15	DC15
550	85	25	15000	23000		DF16	DC16
550	100	25	18500	28000		DF17	DC17
550	120	25	23000	34500		DF18	DC18
600	70	25	13000	19800		DF19	DC19
600	85	25	16500	25000		DF20	DC20
600	100	25	20000	30500		DF21	DC21
600	120	25	25000	37500		DF22	DC22
650	70	25	14000	21000		DF23	DC23
650	85	25	18000	27000		DF24	DC24
650	100	25	22000	33000		DF25	DC25
650	120	25	27000	40900		DF26	DC26
700	70	25	15000	23000		DF27	DC27
700	85	25	19500	29400		DF28	DC28
700	100	25	23500	35500		DF29	DC29
700	120	25	29000	44000		DF30	DC30
750	70	25	16500	24500		DF31	DC31
750	85	25	21000	31500		DF32	DC32
750	100	25	25500	38000		DF33	DC33
750	120	25	31500	47000		DF34	DC34
800	70	25	17500	26000		DF35	DC35
800	85	25	22000	33500		DF36	DC36
800	100	25	27000	40000		DF37	DC37
800	120	25	33500	50000		DF38	DC38

**AXLES SERIES DECAUVILLE
WEIGHT CAPACITY 1,2-100 t**

Wheels series **Decauville** can be also supplied, on request, assembled on strong axles with gauge.

On purchase order phase it is necessary to specify requested weight capacity, wheels diameter desired and gauge.

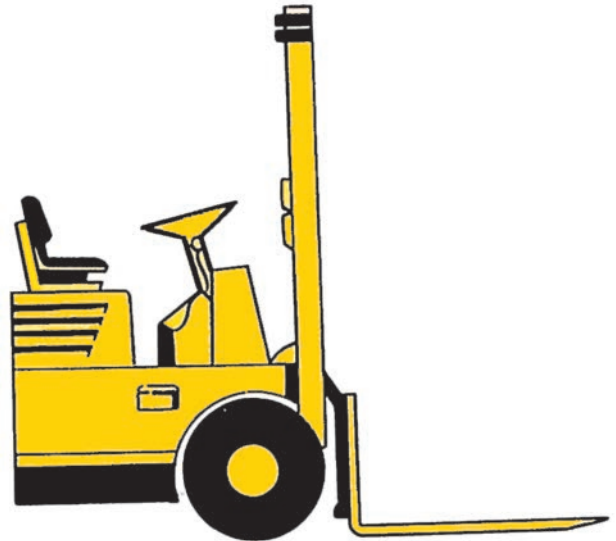


SUPER-ELASTIC RINGS (SOLID TIRES)

Super-elastic rings replace the traditional tires in case the work area could cause frequent punctures, breakings and burstings to tires.

As super-elastic rings are free from punctures and burstings, they reduce maintenance times further those of truck stop. They offer long life, excellent stability also on slippery roads, tread with more high groove and a running comfort almost similar to air tires .

Further they are assembled on the same rims of traditional tires.



Tires dimensions	Rims dimensions	Diameter for width in mm	Weight capacity at 25 km/h		Code
			loading	steering	
			in kg		
3.00-4	2.10-4	248 x 85	260	195	AS 1
4.00-4	2.50-C4	303 x 101	535	412	AS 2
4.00-8	3.00-D8	403 x 100	950	730	AS 3
5.00-8	3.00-D8	455 x 123	1415	1090	AS 4
15 x 41/2 x 8	3.00-D8	375 x 109	1040	800	AS 5
16 x 41/2 x 8	33/4-I8	415 x 121	1100	880	AS 6
16 x 6 x 8	4.33-R8	418 x 150	1455	1120	AS 7
18 x 7 x 8	4.33-R8	448 x 148	2145	1650	AS 8
18 x 9 x 8	7.00-E8	464 x 214	2300	1900	AS 9
6.00-9	4.00-E9	522 x 139	1885	1450	AS 10
21 x 8 x 9	6.00-E9	520 x 182	2755	2120	AS 11
6.50-10	5.00-F10	570 x 163	2340	1800	AS 12
6.50-10	5.50-F10	570 x 173	2570	1975	AS 13
7.50-10	5.50-F10	636 x 176	3070	2360	AS 14
200/50-10	6.50-F10	457 x 193	2470	1900	AS 15
23 x 9 x 10	6.50-F10	578 x 194	3445	2650	AS 16
7.00-12	5.00-S12	649 x 168	2920	2240	AS 17
23 x 10 x 12	8.00-G12	580 x 227	3770	2900	AS 18
27 x 10 x 12	8.00-G12	669 x 237	3900	3000	AS 19
7.00-15	5.00-15	723 x 178	3545	2725	AS 20
7.00-15	5.5-15	723 x 178	3545	2725	AS 21
250-15	7.0-15	715 x 217	4640	3570	AS 22

Tires dimensions	Rims dimensions	Diameter for width in mm	Weight capacity at 25 km/h		Code
			loading	steering	
			in kg		
7.50-15	5.00-S15	750 x 205	3880	2980	AS 23
7.50-15	6.00-15	750 x 205	3900	3000	AS 24
7.50-15	6.5-15	750 x 205	3900	3000	AS 25
28x9x15	7.00-15	693 x 217	3445	2650	AS 26
8.25-15	6.5-15	812 x 209	4750	3650	AS 27
300-15	7.5-15	816 x 258	5850	4500	AS 28
300-15	8.0-15	816 x 258	5850	4500	AS 29
355/65-15	9.75-15	816 x 300	7800	6000	AS 30
400/60-15	11.0-15	817 x 332	8970	6900	AS 31
7.50-20	6.00-T20	880 x 211	3840	3200	AS 32
8.25-20	6.00-T20	941 x 206	4400	3675	AS 33
8.25-20	6.50-20	941 x 206	4400	3675	AS 34
9.00-20	6.50-20	989 x 241	5340	4450	AS 35
9.00-20	7.0-20	989 x 241	5340	4450	AS 36
10.00-20	7.50-20	1011 x 258	6000	5000	AS 37
10.00-20	8.0-20	1011 x 258	6000	5000	AS 38
11.00-20	8.0-20	1086 x 261	6510	5425	AS 39
12.00-20	8.0-20	1099 x 267	7500	6250	AS 40
12.00-20	8.5-20	1099 x 267	7500	6250	AS 41
12.00-20	10.0-20	1099 x 303	7765	6470	AS 42
12.00-24	8.5-24	1183 x 281	7980	6650	AS 43
14.00-24	10.0-24	1300 x 323	11000	9175	AS 44

TIRES WHEELS

Tires wheels are employed above all for transport of breakables loads on irregular pavings or in tamped earth, assuring the max protection against impacts and vibrations.

They offer an excellent **comfort** and an excellent **silentness** during the employ.



Tires dimensions	Rims dimensions	Diameter for width in mm	Weight capacity		Code
			at 5 km/h	at 25 km/h	
			in kg		
5.00 R 8	3.00 D	460 x 136	1520	1090	RP 1
125/75 R 8	3.00 D	386 x 122	1120	800	RP 2
125/75 R 8	3.00 D	385 x 125	1360	980	RP 3
150/75 R 8	4.33 R	426 x 151	1600	1150	RP 4
180/70 R 8	4.33 R	452 x 175	2300	1650	RP 5
6.00 R 9	4.00 E	530 x 163	2020	1450	RP 6
200/75 R 9	6.00 E	530 x 206	2950	2120	RP 7
6.50 R 10	5.00 F	578 x 184	2510	1800	RP 8
7.50 R 10	5.50 F	634 x 203	3290	2360	RP 9
225/75 R 10	6.50 F	590 x 225	3690	2650	RP 10
7.00 R 12	5.00 S	660 x 193	3120	2240	RP 11
250/60 R 12	8.00 G	616 x 254	4040	2900	RP 12
250/75 R 12	8.00 G	688 x 256	4940	3550	RP 13
7.00 R 15	5.5	734 x 198	3480	2500	RP 14
7.50 R 15	6.0	760 x 208	4170	3000	RP 15
225/75 R 15	7.0	702 x 220	4520	3250	RP 16
8.25 R 15	6.5	822 x 237	5080	3650	RP 17
250/70 R 15	7.5	736 x 250	5080	3650	RP 18
315/70 R 15	8.0	839 x 321	7160	5150	RP 19
355/65 R 15	9.75	842 x 355	9600	6900	RP 20
9.00 R 20	7.0	1033 x 271	6260	4500	RP 21
10.00 R 20	7.0	1068 x 295	7370	5300	RP 22
11.00 R 20	8.0	1092 x 294	8070	5800	RP 23
12.00 R 20	8.5	1136 x 324	9870	7100	RP 24
12.00 R 24	8.5	1238 x 325	10430	7500	RP 25
14.00 R 24	10.0	1416 x 383	15990	11500	RP 26

UNTIED WHEELS SERIES ELASTOMER POLYURETHAN

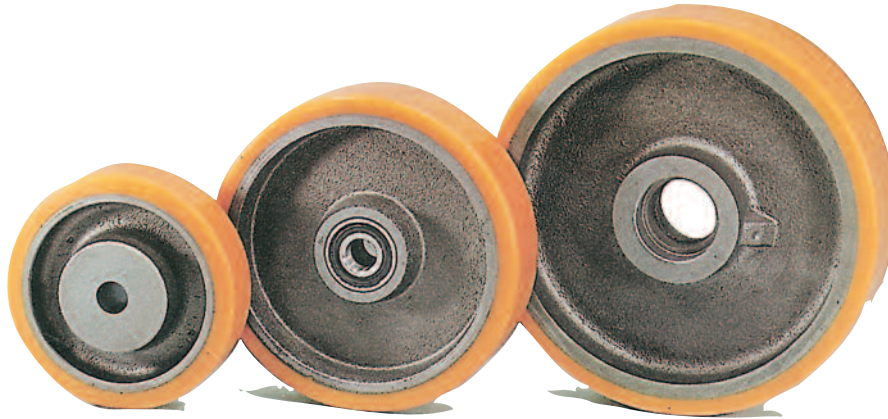
WEIGHT CAPACITY 160-5000 kg

CORE in steel or in mechanical cast iron smelting.

HUB with bearings. **On request** it is possible to realize with through hole with key seat for traction problems.

COVERING in elastomer polyurethan with excellent resistance characteristics to wear, tearing, oils and acids.

Max **SPEED** 6 km/h.



Wheels and supports with **elastomer polyurethan** covering are suitable to support very high loads, surfaces and of consequence, they result particularly indicated in trolleys and trucks constructions for factory material handling.

They offer a strong hardness and resilience, a special resistance to mechanic wear, a good resistance to temperatures (from -20° C to +80° C), an excellent resistance to oils, greases and chemical agents.

Special dimensions and weight capacities on **request**.

Diameter for width flange in mm	Weight capacity in kg	Hub Length in mm	Diameter bearing hole in mm	Code
80 x 25	160	25	15	EP 1
100 x 30	225	30	15	EP 2
100 x 40	300	45	20	EP 3
100 x 90	800	90	20	EP 4
125 x 40	400	60	20	EP 5
125 x 65	650	65	20	EP 6
150 x 30	375	45	20	EP 7
150 x 50	800	60	25	EP 8
150 x 80	1100	80	25	EP 9
175 x 40	650	40	20	EP 10
180 x 50	900	60	25	EP 11
200 x 40	750	45	20	EP 12
200 x 60	1100	60	25	EP 13
200 x 80	1600	80	30	EP 14
200 x 100	2000	100	30	EP 15
250 x 50	1150	60	25	EP 16
250 x 60	1400	60	30	EP 17
250 x 80	1900	80	30	EP 18
250 x 100	2400	100	30	EP 19
300 x 70	2000	75	30	EP 20
300 x 80	2250	80	30	EP 21
300 x 100	2800	100	40	EP 22
350 x 80	2500	80	35	EP 23
350 x 100	3200	100	40	EP 24
400 x 80	2800	80	40	EP 25
400 x 100	3500	100	40	EP 26
450 x 100	3850	100	40	EP 27
500 x 80	3250	80	40	EP 28
500 x 100	4100	100	50	EP 29
500 x 120	5000	120	60	EP 30

SOLID TIRED CUSHION RINGS

Solid tired **Cushion** rings are composed by a metallic ring with smooth surface named "gagger", covered by a tired band of suitable thickness named "covering", the tire-metal etching is realized and assured with the most modern technics of production.

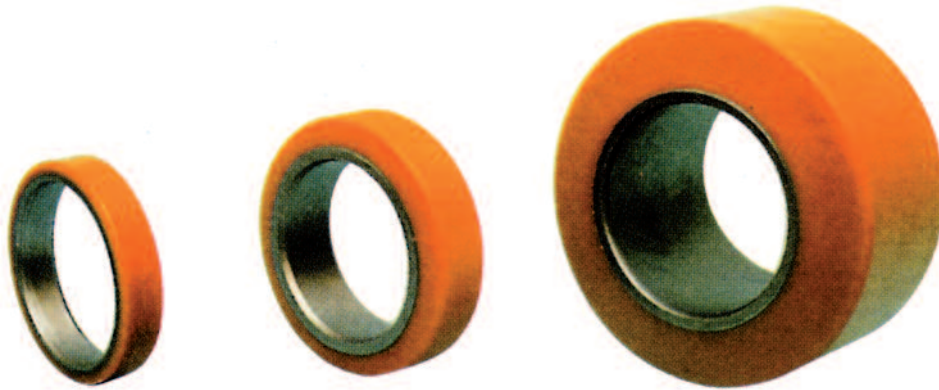


External diameter	Flange width	Keying diameter	Smooth or freting tread	Code
in mm	in mm	in mm		
180	75	120	L	AC 1
200	75	100	L	AC 2
200	85	105	GR	AC 3
220	100	140	L-GR	AC 4
230	85	140	L	AC 5
250	90	150	L	AC 6
250	90	170	L	AC 7
250	100-120-130	140	L	AC 8
250	100	150	L	AC 9
250	120	140	L	AC 10
250	130	140	L	AC 11
254	100	159	L	AC 12
254	127	159	L	AC 13
254	152	165	L	AC 14
267	127	165	L	AC 15
267	152	165	L	AC 16
300	89	203	L-GR	AC 17
300	100	203	L-GR	AC 18
300	120	203	GR	AC 19
313	130	203	L	AC 20
330	89	203	GR	AC 21
330	114	203	GR	AC 22
330	127	203	GR	AC 23
330	210	225	L	AC 24
350	90	279	L	AC 25
358	114	203	GR	AC 26
381	90	285	L	AC 27
381	100	285	L	AC 28
381	127	285	GR	AC 29
381	152	285	L	AC 30
394	127	254	GR	AC 31
394	152	254	GR	AC 32
394	178	254	GR	AC 33
405	130	305	L	AC 34
406	127	266	GR	AC 35
406	152	266	GR	AC 36
413	114	285	GR	AC 37
413	127	285	GR	AC 38
413	152	285	GR	AC 39
413	178	285	GR	AC 40

External diameter	Flange width	Keying diameter	Smooth or freting tread	Code
in mm	in mm	in mm		
425	150	305	L	AC 41
432	114	308	GR	AC 42
432	127	308	GR	AC 43
432	152	308	GR	AC 44
455	130	356	L	AC 45
457	127	308	GR	AC 46
457	152	308	GR	AC 47
457	178	308	GR	AC 48
457	202	308	GR	AC 49
457	229	308	GR	AC 50
483	178	333	GR	AC 51
485	140	356	L	AC 52
485	140	370	L	AC 53
500	100	370	L	AC 54
500	120	370	L	AC 55
500	140	370	L	AC 56
508	152	406	L	AC 57
508	229	406	L	AC 58
533	152	381	GR	AC 59
533	178	381	GR	AC 60
533	202	381	GR	AC 61
533	229	381	GR	AC 62
550	100	455	L	AC 63
550	120	440	L	AC 64
559	152	406	GR	AC 65
559	178	406	GR	AC 66
559	202	406	L-GR	AC 67
559	229	406	L-GR	AC 68
559	254	406	L-GR	AC 69
559	305	406	L-GR	AC 70
630	150	410	L	AC 71
630	180	410	L	AC 72
660	178	508	GR	AC 73
660	203	508	GR	AC 74
660	258	480	L	AC 75
660	254	508	GR	AC 76
713	178	559	L	AC 77
713	405	559	L	AC 78
892	203	720	L	AC 79
914	405	762	L	AC 80

ELASTOMER POLYURETHAN RINGS

Elastomer Polyurethan rings are composed by a metallic ring with smooth surface named "gagger", covered by an elastomer band of suitable thickness named "covering", the elastomer-metal etching is realized and assured with the most modern technics of production.



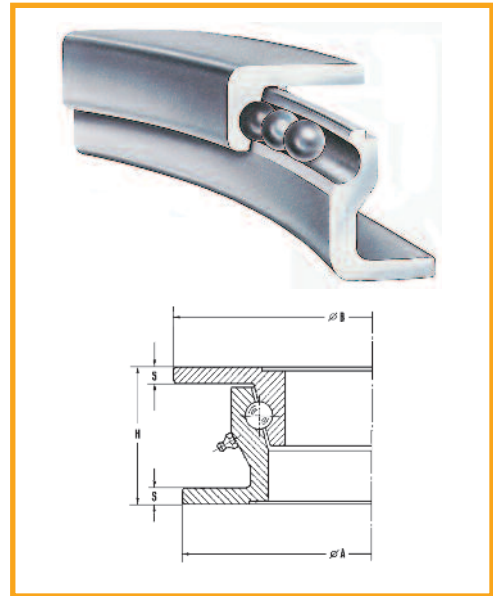
External diameter	Flange width	Keying diameter	Smooth or fretting vtread	Code
in mm	in mm	in mm		
100	70	55	L	AEP 1
125	40	75	L	AEP 2
125	50	75	L	AEP 3
150	50	100	L	AEP 4
150	75	100	L	AEP 5
150	130	100	L	AEP 6
160	50	100	L	AEP 7
180	50	120	L	AEP 8
180	75	120	L	AEP 9
200	60	150	L	AEP 10
200	70	140	L	AEP 11
200	70	148	L	AEP 12
200	75	100	L	AEP 13
200	80	75	L	AEP 14
200	85	105	L	AEP 15
200	105	120	L	AEP 16
220	60	160	L	AEP 17
220	100	140	L-GR	AEP 18
230	50	170	L	AEP 19
230	85	145	L	AEP 20
230	90	150	L	AEP 21
250	50	190	L	AEP 22
250	60	190	L	AEP 23
250	75	140	L	AEP 24
250	75	180	L	AEP 25
250	80	170	L-GR	AEP 26
250	100	150	L	AEP 27
250	130	140	L	AEP 28
254	76	158	L	AEP 29
254	76	203,2	L	AEP 30
254	127	158	L	AEP 31
254	127	165,1	L	AEP 32
260	80	170	L	AEP 33
260	85	170	L	AEP 34
267	127	165,1	L	AEP 35
267	153	165,1	L	AEP 36
267	160	160	L	AEP 37
285	75	220	L	AEP 38
290	105	185	L	AEP 39

External diameter	Flange width	Keying diameter	Smooth or fretting tread	Code
in mm	in mm	in mm		
300	75	240	L	AEP 40
300	90	203,2	L-GR	AEP 41
300	100	203,2	L-GR	AEP 42
300	100	240	L	AEP 43
310	60	220	L	AEP 44
310	120	220	L	AEP 45
313	130	203,2	L	AEP 46
330	89	203,2	L	AEP 47
330	89	254	L	AEP 48
330	127	203,2	L	AEP 49
330	127	254	L	AEP 50
343	114	225	L	AEP 51
343	140	266,7	L	AEP 52
345	115	245	L	AEP 53
350	90	279,2	L	AEP 54
350	110	270	L	AEP 55
350	140	270	L	AEP 56
400	75	325	L	AEP 57
400	100	325	L	AEP 58
405	65	305	L	AEP 59
405	130	305	L	AEP 60
415	75	305	L	AEP 61
415	100	305	L	AEP 62
415	130	305	L	AEP 63
445	75	335	L	AEP 64
500	85	370	L	AEP 65
500	100	370	L	AEP 66
500	100	425	L	AEP 67
500	120	370	L	AEP 68
500	130	370	L	AEP 69
500	140	370	L	AEP 70
500	150	370	L	AEP 71
550	85	410	L	AEP 72
550	100	410	L	AEP 73
550	120	410	L	AEP 74
550	150	410	L	AEP 75
550	160	410	L	AEP 76
610	150	410	L	AEP 77
645	250	500	L	AEP 78

STEERING BALL-BEARING FIFTH WHEELS

Steering ball-bearing fifth wheels suitable for industrial trailers of little, medium and high weight capacity. For trailers running with a speed lower than 20 km/h the axial load indicated increase from 30 to 50%.

Code	Weight capacity	A	B	H	S
	in t	in mm	in mm	in mm	in mm
RL400 LU	0,75	400	400	65	8
RL500 LU	1	500	500	65	8
RJ500 N	1,8	500	437	48	8
RL600 LU	1,5	600	600	65	8
RJ650 N	2,5	650	587	48	8
RL700 LU	2	700	700	65	8
RL800 LU	2,5	800	800	65	8
RJ850 N	3,5	850	787	48	8
RL900 NU	3,5	900	900	65	8
RL900 PU	5	880	895	80	9
RL1000 NU	4	1000	1000	65	8
RL1000 PU	6	1000	1015	80	9
RL1000 RTU	8	1000	1008	90	11
RJ1000 HE	10	1000	1008	90	10
RJ1000 SO	12	987	1000	90	10
RL1100 PU	6,5	1090	1105	80	9
RL1100 RTU	10	1100	1108	90	11
RJ1100 HE	12	1100	1108	90	10
RJ1100 SO	16	1095	1108	90	10
RJ1200 HE	13	1200	1208	90	10

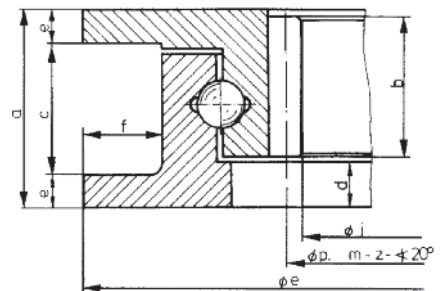


MAIN FIFTH WHEELS

Codice	Weight capacity	Ø e	Ø i	Ø p	m	z	a	e
	in t							
RM 400 R1	15	400	275				69	14
RM 500 R1	20	500	330	340	5	68	82	14
RM 700 R1	30	700	530	540	5	108	82	14
RM 800 R1	40	805	636	648	6	108	82	14
RM 900 R1	50	880	708	720	6	120	82	14
RM 1000 R1	60	1000	830	*840	6	140	82	14
RM 900 R2	80	880	707,4	*720	6	120	95	14
RM 1000 R2	90	1000	830,4	*840	6	140	95	14

(with our without tothing)

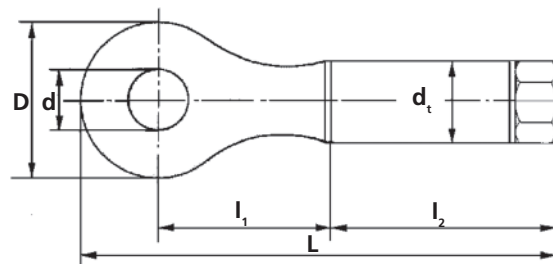
* Right tothing



TOWING EYES

Towing eye	Max tow	d	D	d _t	L	l ₁	l ₂
	in t	in mm	in mm	in mm	in mm	in mm	in mm
Little	5	30	85	42	282,5	95	145
Medium	15	45	104	51	340	96	192
Big	40	45	112	63	354	98	200
Maxi	100	50	130	82	380	105	210

On request towing eyes above 100 t



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