



Our Location



SHILPMECH INDUSTRIES

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www.shilpmechindustries.in

Your benefits

We plan your new rack system with you

We fabricate your customize job as per your drawing

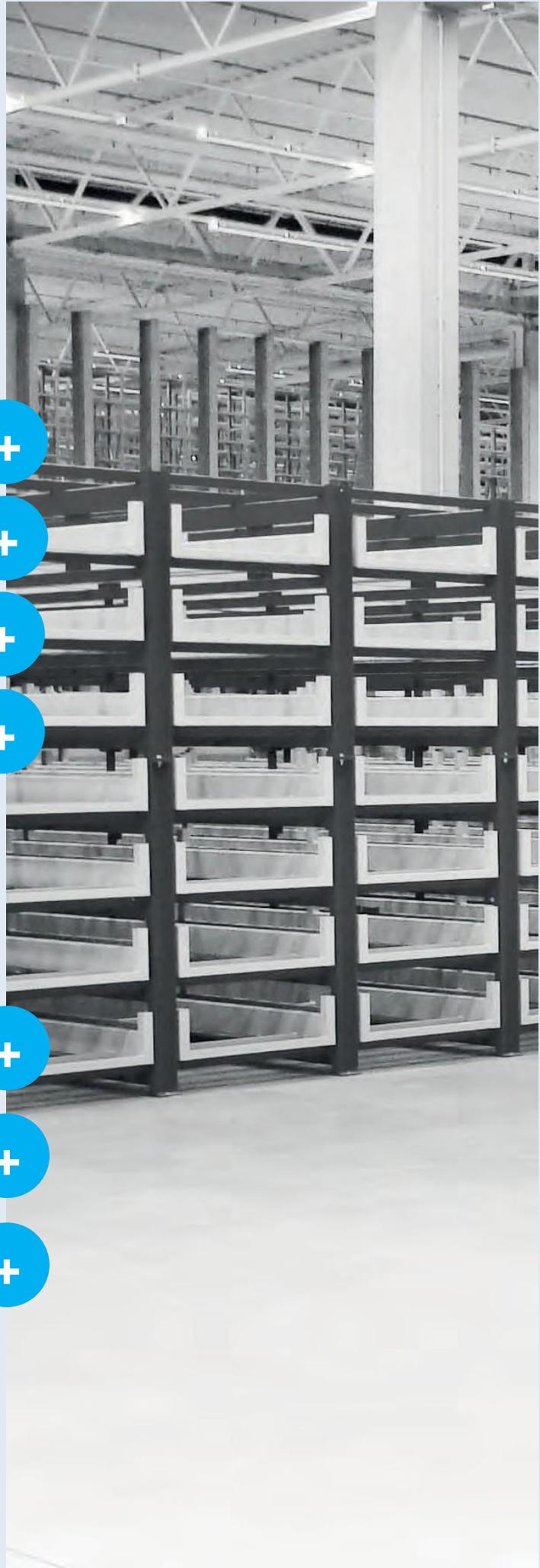
We offer the right shelf for every stock item.
Whether long goods, sheet material or heavy loads

Store safely and in a structured manner also
sensitive goods

We can look back on over 08 years of experience.
Become part of our success story

We are looking forward to your inquiry! Phone:
+91-9987234600 / 9601500515

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Long material storage

Storage of Sheets

Storage of heavy loads

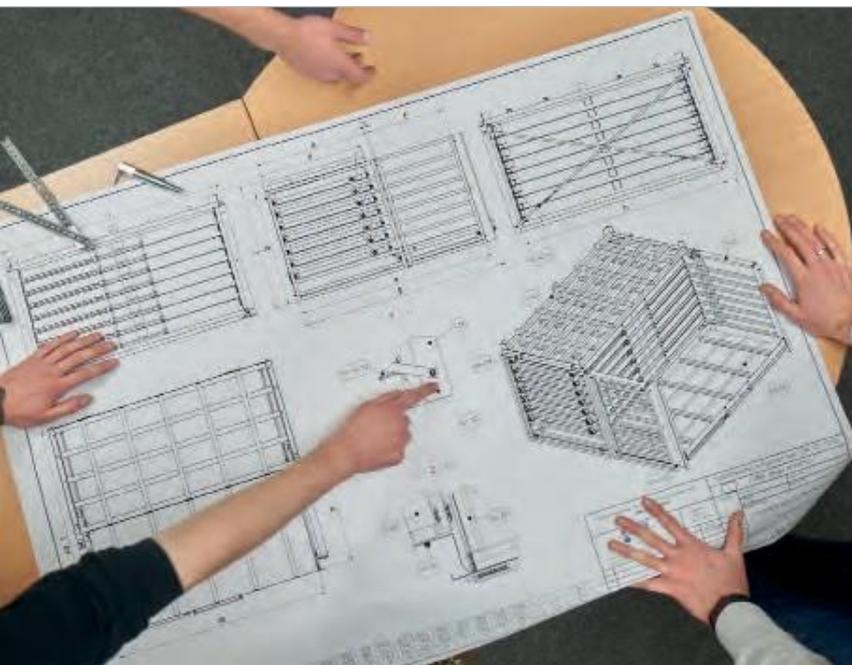
Storage & Pallet racking

Mezzanine Floor

Mild Steel Pallet & Bin



Racks for Long Goods • Sheet • Heavy Loads



- Consulting, planning, production and assembly all from one source
- Realisation of your individual storage requirements
- Our short internal processing time ensures a fast reaction even to short-term changes
- We take over the annual inspection and maintenance of your racking systems according to the uVV testing

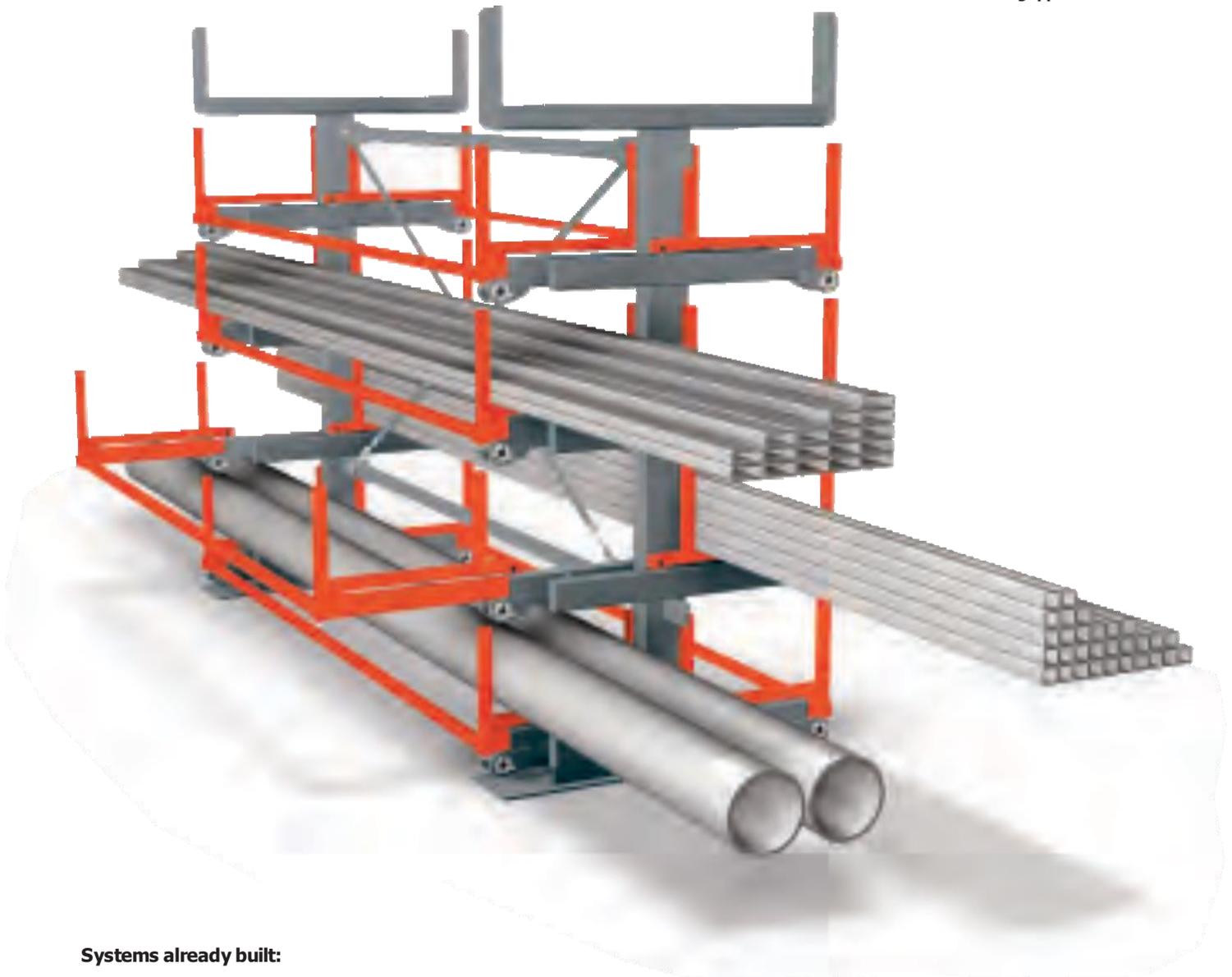
your colour of choice

Our racks are painted or powder coated in the standard colours shade as per your requirement free of charge.

Please ask for your colour of choice!



you can find suitable grippers online!

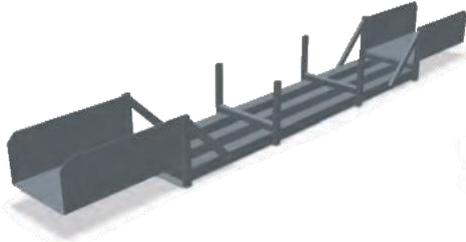


Systems already built:

Technical details	one-side design	double-sided design
usable Depth / level	400 – 1000 mm	400 – 1000 mm
usable Height / level	min. 100 mm	min. 100 mm
number of levels (incl. Roof Storage)	max. 8	max. 8
number of Support Frames	min. 3	min. 3
Distance between Support Frames	max. 4500 mm	max. 4500 mm
Material length	max. 10000 mm	max. 10000 mm



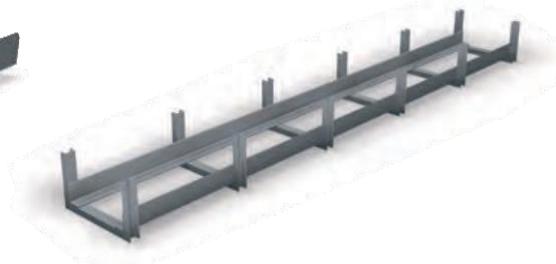
Type up 1



Support pallet type 1

- Can be loaded with crane (belt) and forklift, due to space under the support beams. (50 mm)
- Simple handling of long goods
- For max. three erectors
- Continuous sheet metal loading and installations possible (forklift loading is not necessary)

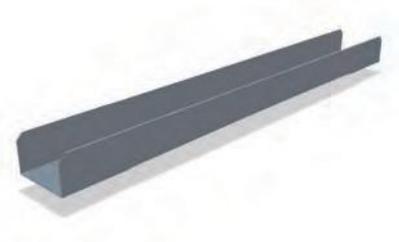
Type up 2



Support pallet type 2

- Loadable with crane (belt)
- Support for the complete long goods (e.g. for flexible materials)
- Can be used with any number of erectors and any erector centre distance
- Special lengths possible (over 6000 mm)
- Up- & plants Number/spacing in Pre-selectable
- Continuous sheet supports and systems as well as polyamide applications and systems possible

Type up 3



Support pallet type 3

- For storage and support of materials that tend to bend
- Can be used with any number of erectors and any erector centre distance
- Support of the complete long goods over the entire length possible

Support Pallets

suitable for Roll-out racks

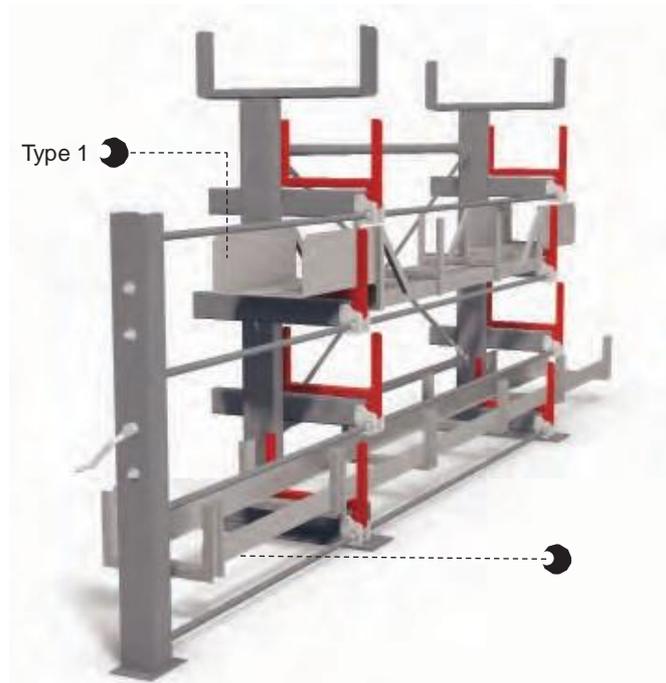
+ your benefit

- For insertion in roll-out rack compartments and in the roof rack
- ideal for the storage of flexible long goods or leftover pieces
- For crane loading suitable

DeSiGn

Solid steel design with rigid or pluggable side stanchions.
Standard colour light blue RaI 5012

on request: Dimensions and colours available in many versions
- please enquire!



Type	UP 1 for rar 1600	UP 1 for rar 2600	UP 2 for rar 1600 + 2600	UP 3 for rar 1600 + 2600	
load capacity	kg	3040	5000	3060	200
measurements over all. W x d x H	mm	4000 x 550 x 440	4000 x 550 x 440	4000 x 574 x 342	4000 x 480 x 267
clear dimensions W x d x H	mm	4000 x 480 x 295	4000 x 480 x 295	4000 x 474 x 292	4000 x 469 x 265
Weight	kg			126.063	
	item no.	126.062	126.061		126.163

Cassette Drawer Rack

+ yOu R beneFiT

- can be extracted 100%, ideal for loading using a crane
- Space-saving through pivoting projection
- clearly arranged also for different lengths
- Removal of material possible from three sides (front and face sides)

Design

Very stable, torsionally rigid steel construction. bolted supporting frame to accommodate welded long goods cassettes.

To facilitate the removal of material from the sides, just insert the included roll-out rollers into the open construction.

The ball-bearing cassettes are pulled out on the guide rails of the open doors.

Storage and retrieval is done by hand or crane.

on request:
also available with pull-out on both sides, attachable compartment dividers and roof shelf.

Dimensions and colours available in many versions
- please enquire!

Removal of material possible from three side front & face side



Design example:

	Type	Ksr
load capacity / level	kg	2000
load capacity	kg	12000
number of cassette Spaces	pc	6
overall measurements W x H x d (pivoting projection closed)	mm	6590 x 1040 x 2198
overall measurements W x H x d (pivoting projection opened)	mm	6590 x 1801 x 2198
cassette interior measurements W x H x d	mm	6200 x 600 x 200
	item-no.	126.301



Optional:
Frame with roll-out rollers mountable on all doors and front sides for easy material removal



Systems already built:

Technical details	one-side design
usable Depth / level	400 – 1200 mm
usable Height / level	min. 80 mm
number of cassettes	max. 8
load capacity per cassette	max. 2000 kg
Material length	max. 7000 mm

**optional:
Pull-out bar**

item-no.
126.250
198,00



For ergonomic compartment pull-out, we recommend the pull-out bar for plugging in or attaching.



1

- 1. Ref.-nr. 126.301.z 99**
Shelf depth 600 mm · number of cassettes 6
For 3 m material length
Total load capacity 12000 kg
- 2. Ref.-nr. 126.301**
Shelf depth 600 mm · number of cassettes 6
Total load capacity 12000 kg – For 6 m stored goods
- 3. Ref.-nr. 126.301.z 97**
Shelf depth 800 mm · number of cassettes 6
With side mesh · Total load capacity 12000 kg
For 6.1m stored goods
- 4. Ref.-nr. 126.301.z 99**
Roll-out roller for easy material withdrawal
- 5. Ref.-nr. 126.301.z 99**
ideal for crane loading

2





3



4



5

Long material Pallet

+ yOuR beneFiT

- Optimum protection for the goods
- ideal for trouble-free storage and safe transportation of lengthy goods
- Storage, transportation, supply
- Space-saving block storage
- Multiple stackable

DeSiGn

Due to the stable welded long-bar steel construction, the pallets guarantee long life with high load carrying capacity.

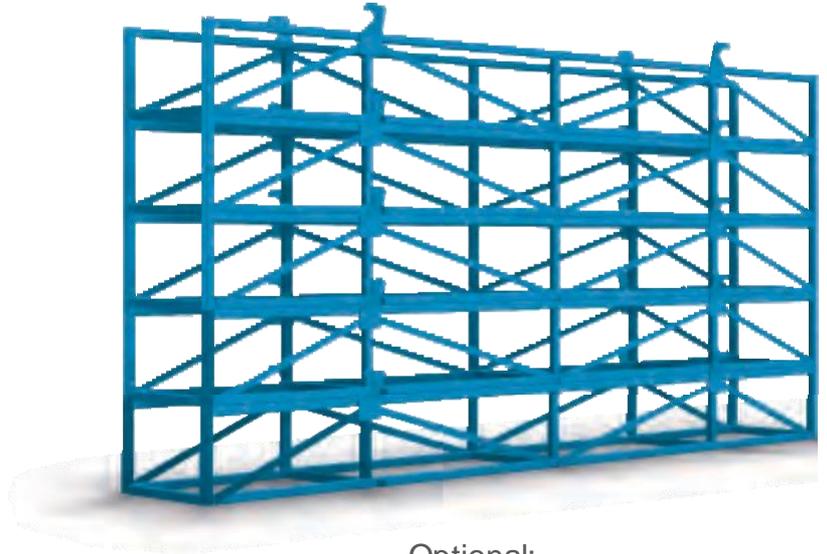
The frame can be stacked up to 6-high, thus a flexible and space-saving storage design is achieved.

The long goods pallet can be transported in loaded condition by forklift truck, crane with sling chain or crane lifting tongs.

in addition, stacked pallets of long goods can be stored in move empty state by forklift truck.

on request:

also with special painting in all Ra I colours possible - please inquire!



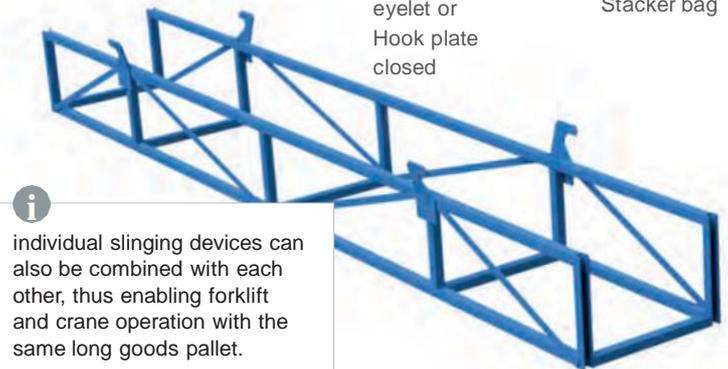
Optional:



eyelet or Hook plate closed



Stacker bag



individual slinging devices can also be combined with each other, thus enabling forklift and crane operation with the same long goods pallet.

Design example:

	Type	IP 1	IP 2	IP 3
Max. length of Goods	mm	4000 - 6000	5000 - 7500	9000 - 10000
load capacity	kg	2500	2500	2500
external Measurements W x H x d	mm	4000 x 670 x 510	5000 x 670 x 510	9000 x 620 x 560
Interior Measurements W x H x d	mm	4000 x 500 x 350	5000 x 500 x 350	9000 x 500 x 350
Weight	kg			
	item-no.	128.005	128.006	128.006.z61

Drawer Rack for Sheets

+ yOu R beneFiT

- Optimum use of space in the smallest of spaces with 100% pull-out
- Roll-out mechanism or alternatively electrical pull-out possible = easy access and ideal for crane loading
- Safe handling even for sensitive sheets
- Swivel stem
- can be expanded with flat pallet magazine and fixed compartments
- Optional ergonomic roll-out bars available
- Loadable on both sides

DeSiGn

Drawer system made of stable welded steel construction.

The drawers can be safely and easily can be pulled out 100% by hand, as they run on maintenance-free ball bearing rollers They have an open base as standard, but can be made with a wooden or steel plate on request.

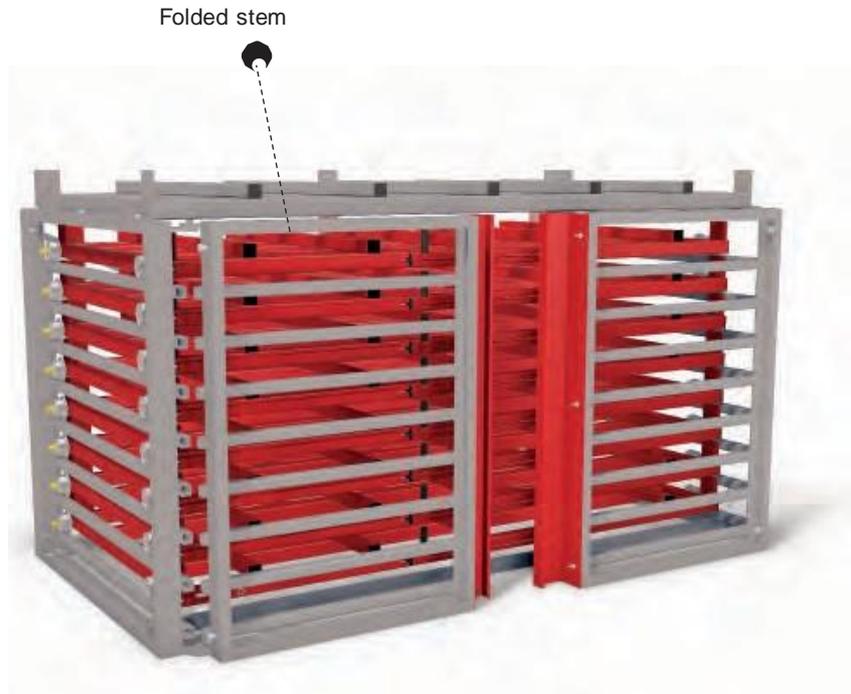
Floor anchoring necessary!

The shelf can be provided with a roof shelf and is equipped with space-saving retractable stem.

For loads of more than 2000 kg per compartment we recommend our mechanical roll-out mechanism or the electric drive.

on request:

extraction aids, dimensions and paintwork in many designs possible - please ask!



Systems already built:

Technical specifications	
usable Width / Drawer	max. 8000 mm
usable Depth / Drawer	max. 3000 mm
usable Height / Drawer	min. 40 mm
load capacity / Drawer	max. 10000 kg



Pull-out bar

item-no.	
	126.250
	198,00



For ergonomic compartment pull-out, we recommend the pull-out bar for plugging in and hanging.

Design example:

	Typ	srB 20/2	flat floor	srB 30/2	with depth supports		
		2000 x 1000	srB 25/2 2500 x 1250	3000 x 1500	srB 20/2 2000 x 1000	srB 25/2 2500 x 1250	srB 30/2 3000 x 1500
sheet sizes	mm	2000 x 1000	2500 x 1250	3000 x 1500	2000 x 1000	2500 x 1250	3000 x 1500
load capacity / drawer	kg	2000	2000	2000	2000	2000	2000
drawer Width	mm	2054	2554	3054	2054	2554	3054
drawer depth	mm	1032	1282	1532	1032	1282	1532
rack Width	mm	2441	2941	3441	2441	2941	3441
rack depth	mm	2147	2647	3147	2147	2647	3147
depth (extension folded away)	mm	1416	1666	1916	1416	1666	1916
depth (drawers pulled out)	mm	2201	2701	3201	2201	2701	3201
Height	mm	1980	1980	1965	1980	1980	1965
Bottom drawer Height	mm	200	200	205	200	200	205
Top drawer Height	mm	1600	1600	1605	1600	1600	1605
Usable Height	mm	125	125	115	65	65	55
Height of the depth supports / number	mm / pc	-	-	-	60/3	60/4	60/5
number of shelves + roof shelf	pc	8 + 1	8 + 1	8 + 1	8 + 1	8 + 1	8 + 1
	item-no.	126.277	126.281	126.285	126.278	126.282	126.286



1

- 1. Ref.-nr. 126.285.z 76**
Shelf W x D 5550 x 1375 mm
n number of shelves 5 + 1
With sheet layer and shelf border
Total load capacity 5400 kg
- 2. Ref.-nr. 126.285.z 50**
Shelf W x D 4050 x 1530 mm
n number of shelves 3
With e-drive and safety guard
Total load capacity 9000 kg
- 3. Ref.-nr. 126.277.z 90**
Shelf W x D 1850 x 1230 mm
n number of shelves 6 + 3
Total load capacity 18000 kg
- 4. Ref.-nr. 126.277.z 88**
Shelf W x D 2520 x 1430 mm
n number of shelves 14 + 1
With sheet layer and shelf border
Total load capacity 30000 kg
- 5. Ref.-nr. 126.285.z 87**
Shelf W x D 3050 x 1530 mm
n number of shelves 7 + 1
With sheet layer and shelf border
Total load capacity 25000 kg



2



3



4



5

1. Ref.-nr. 126.285.y71

Shelf W x D 3427 x 1500 mm
n umber of shelves 3+1
Drawer rack combined with honeycomb rack
Total load capacity 13500 kg

2. Ref.-nr. 126.285.z61

Shelf W x D 4050 x 2030 mm
n umber of shelves 12+1 Total
load capacity 26000 kg

3. Ref.-nr. 126.275.z96

Shelf W x D 2050 x 1050 mm
n umber of shelves 2+1
Front edge can be folded down by 90
Total load capacity 6000 kg

4. Ref.-nr. 126.285.z54

Shelf W x D 3050 x 1530 mm
n umber of shelves 6+1
l oading and unloading with sheet metal gripper
Total load capacity 14000 kg



1



2



2



3



4



5



6

5. Ref.-nr. 126.220.z99
d drawer rack for pallet storage
 Shelf W x D 3200 x 1700 mm
 number of shelves 5+1
 Total load capacity 15000 kg

6. Ref.-nr. 126.281.z 89
 Shelf W x D 2554 x 1282 mm
 number of shelves 4+1
 with sheet support and shelf border
 Total load capacity 15000 kg

Flat Pallet magazine

+ yOu R beneFiT

- clear storage of magazines
- Storage, transportation, supply
- Suitable for extremely high loads
- Flat pallets also stackable if required available

Design

The extremely robust system is designed for the storage of stackable steel pallets, especially for the storage of flat materials and sheet metal packages.

The flat pallets can be handled with a forklift truck completely removable and transportable. Due to the omission of the otherwise used wood-pallets, more material can be stored at the same rack height.

The pallet can be easily stacked outside the magazine.

The load of the steel pallets is all around in front by means of insertable plastic stanchions, as well as stop plates at the sides and rear secured, in order to ensure a safe transport by forklift truck.

on request:

Roof storage, dimensions and colours in many designs possible - please ask!



illustration with stacking corners and optional roof rack



Shelving system consisting of a drawer rack and a flat pallet magazine, where the flat pallets are inserted into the drawer rack from behind.

Systems already built:

Technische Angaben	
usable Width / level	max. 6200 mm
usable Depth / level	max. 2500 mm
usable Height / level	min. 40 mm
number of levels	max. 15
load capacity	max. 5000 kg



With integrated forklift pockets



With undermounted forklift pockets



	Type	fPM Kf	fPM Mf	fPM Gf
load capacity	kg	2000	2000	2000
overall Measurements W x d x H	mm	2406 x 1100 x 2428	2906 x 1350 x 2188	3406 x 1600 x 2008
clear Measurements	mm	2050 x 1050 x 130	2550 x 1280 x 90	3050 x 1530 x 60
number of pallets	pc	6	6	6
forklift Pockets center distance	mm	850	850	850
clear forklift Pockets Width	mm	144 x 64	144 x 64	144 x 64
	item-no.	124.101	124.102	124.103

	Type	fPM Kf	fPM Mf	fPM Gf
load capacity	kg	2000	2000	2000
overall Measurements W x d x H	mm	2406 x 1100 x 2848	2906 x 1350 x 2608	3406 x 1600 x 2488
clear Measurements	mm	2050 x 1030 x 130	2550 x 1280 x 90	3050 x 1530 x 60
number of pallets	pc	6	6	6
forklift Pockets center distance	mm	850	850	850
clear forklift Pockets Width	mm	200 x 70	200 x 70	200 x 70
	item-no.	124.111	124.112	124.113

Sheet metal Storage magazine

+ your benefit

- Very much storage capacity on little space
 - High load capacities in each compartment
 - individually tailored to your needs
- collapsible storage towers

Design

The sheet metal storage system ensures efficient utilization of the storage space a compact and economic use for all sheet metal or similar materials.

The racking system adapts to your individual production processes to optimise material flow.

The pallets can be completely removed and transported with a forklift truck.

The sheet packages can be stored safely and easily without the use of additional wooden pallets.

on request:

Dimensions and colours in many designs possible - please inquire!



	Type	flat pallets- Magazine left	flat pallet set	flat pallets- Magazine right
load capacity / floor	kg	1500	1500	1500
number of shelves	pc	7	7	7
Shelf dimensions W x d	mm	3381 x 1350	2941 x 1290	3381 x 1350
clear Shelf dimensions W x d x H	mm	2841 x 1282 x 60	2841 x 1282 x 60	2841 x 1282 x 60
Pocket centre distance	mm	850	850	850
Light Pocket size	mm	144 x 64	144 x 64	144 x 64
Weight	kg			
	item-no.	124.102.z94	124.102.z92	124.102.z93

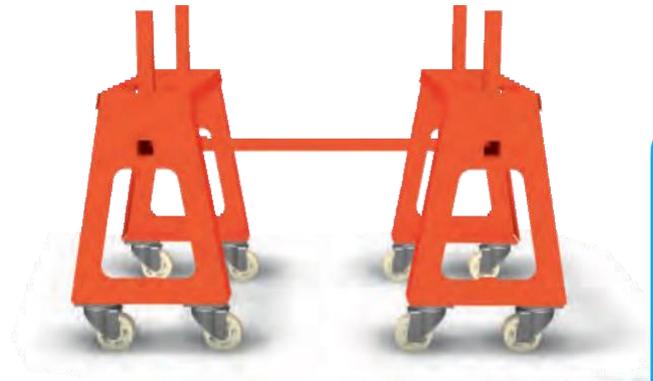


for sheet bundles up to 3000 kg

- individually adjustable to each pallet format
- can be pushed together to save space when not in use
- Mobile due to 4 swivel castors per support frame
- can also be moved when loaded

The depalletizer is made of two receiving frames, which are coupled together by a connecting arm.
 Robust, welded steel construction with four ball-bearing swivel castors per support frame and two total locking devices.
 Tyres are made of easy-running polyamide wheels, optionally with polyurethane tyres.

load capacity / pair	kg	3000
dimensions / piece l x W x H	mm	1000 x 510 x 865
Height with plug-in stanchions	mm	+ 260
Material dimensions min.	mm	200 x 600
Material dimensions max.	mm	3000 x 1500 depending on the flexibility of the material to be unloaded
	item-no.	124.201



Depalletizing Pin

- can be used for any pallet format
- low-cost alternative to the depalletizer
- Quick and space-saving removal when not in use

The depalletizing plates consist of a base plate and a stanchion welded in the middle.

		1 set
dimensions / piece W x d x H	mm	250 x 250 x 310
stanchion useful height	mm	300
	item-no.	124.201.z91





Compact System

+ your benefit

- ideal for sheet metal or other sheet material
- no base for pillar-mounted slewing crane necessary
- 3-in-1 solution saves acquisition costs and space
- Roll-out mechanism or alternatively electric pull-out possible

= easy access and ideal for crane loading

● Design

The compact system offers everything needed for handling directly at the machine in a very small space.

The basic rack with swivelling front end forms the basic frame for easy storage and retrieval. On top of the rack there is an extension as buffer storage to increase the storage capacity. Alternatively, the entire system can also be loaded from the rear.

a crane column is located directly on the rack frame, whose swivel arm is equipped with a vacuum lifting device for sheet material.

alternatively, the superstructure can also be equipped with a flat pallet magazine instead of the rigid roof level. or further storage compartments.

on request:

dimensions and varnishing in many designs possible - please inquire!

3 in 1 compact System includes:

1. drawer rack for sheets with rigid roof storage
2. crane pillar with pivoting jib
3. Vacuum lifting device (optional)



Systems already built:

Technical specifications	
usable Depth / level	max. 6200 mm
usable Width / level	max. 2500 mm
usable Height /level	min. 40 mm



	Type	small format	Medium format	large format
load capacity	kg	18000	18000	18000
load capacity / drawer	kg	2000	2000	2000
load capacity / roof	kg	2000	2000	2000
Measurements W x H x d	mm	2991 x 1420/2206 x 3500	3491 x 1670/2706 x 3500	3991 x 1920/3206 x 3500
clear shelf dimensions	mm	2054 x 1032 x 125	2554 x 1282 x 125	3054 x 1532 x 115
roof storage H x W	mm	125 x 2271	125 x 2771	115 x 3271
dead weight without crane	kg	1485	1920	2390
number of shelves + roof shelf	pc	8 + 1	8 + 1	8 + 1
	item-no.	126.200.z90	126.200.z91	126.200.z92

Sheet metal Rack

+ your benefit

- ideal for storing individual sheets of metal
- Storage and retrieval vertical standing by crane or hand
- Direct access possible
- compact design

● Design

The shelves impress with their compact steel construction and are particularly space-saving.

Several sections can be placed next to each other.

The roller bearing mounted in front of the racks makes it easier to push the metal sheets in and out. The end stop prevents accidental material feed.

on request:

Dimensions and colours in many designs possible - please ask!



	Type	small format TrG 1	Medium format TrG 2	large format TrG 3
load capacity / compartment	kg	1500	1500	1500
number of compartments	pc	5	5	5
Measurements l x W x H	mm	2085 x 1000 x 1080	2585 x 1000 x 1330	3085 x 1000 x 1580
compartment Width	mm	140	140	140
clear compart- ment Height	mm	1020	1270	1520
Weight	kg			
	item no.	130.020	130.021	130.022



Picture left:

Ref.-n.r. 130.022.z 96

c compartment W x H 130 x 1020 mm
c compartment l ength 6000 mm
n umber of compartments 8
Total load capacity 12000 kg.

Picture on the right:

Ref.-n.r. 130.022.z 94

c compartment top W x H 140 x 150 mm
c compartment bottom W x H 140 x 1600 mm
c compartment length 3000 mm
n umber of compartments 5 + 5
Total load capacity 8250 kg



Sheet metal Rack

+ Your benefit

- ideal for storing heavy metal sheets
- Storage and retrieval vertical standing by crane or hand
- Dividers are walkable
- extendable

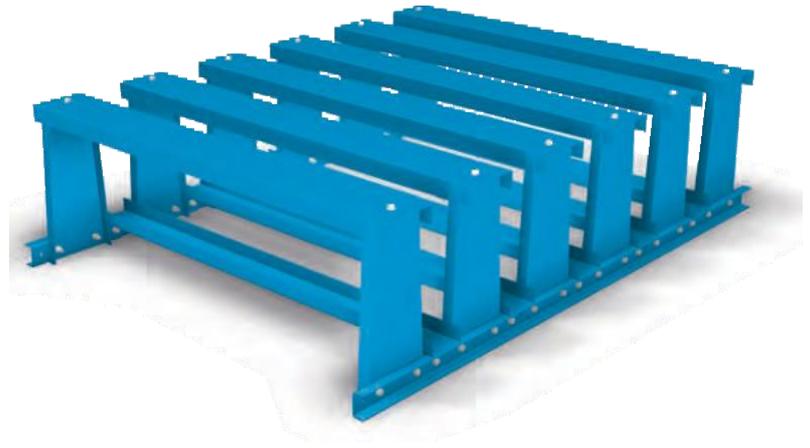
● Design

The shelves impress with their compact steel construction and are particularly space-saving.

The rack is bolted or welded depending on the size of the system.

on request:

Dimensions and colours in many designs possible - please ask for details!



	Typ	small format Tr 1	Medium format Tr 3	large format Tr 5	Tr v connecting component
load capacity / compartment	kg	2000	2000	2000	2000
number of compartment	pc	1	3	5	(1)
Measurements l x W x H	mm	916 x 2000 x 711	1832 x 2000 x 711	2748 x 2000 x 711	Breite 2000
compartment Width Top / Bottom	mm	150 / 200	150 / 200	150 / 200	150 / -
divider Width	mm	250	250	250	-
Weight	kg				
	item no.	130.001	130.002	130.003	130.009



Picture left:

Ref.-nr. 130.003.z 93

c ompartment W x H 60/250 x 1100 mm
c ompartment length 7500 mm
n umber of compartments 9
c ompartment load capacity: 8000 kg
Total load capacity 72000 kg

Picture on the right:

Ref.-nr. 130.015

One example of the racks we built according to our customers' requirements.



Plate rack for adjustable bearing brackets

- Overview in production and warehouse
- board material fast and mobile at every workplace

design: Solid steel construction, wooden platform, 7 adjustment options for insertable brackets (please order separately), clear bracket spacing 90 mm. 2 swivel and 2 fixed castors Ø 200 mm, TPe tyres, hubs with grooved ball bearings (750 kg) or blue-grey solid rubber elastic tyres with ball bearings (1200 kg), swivel castors with brakes according to en 1757-3. c colour: powder coated blue Ra I 5007.

Plate stand without brackets

Type	Pay-load	loading platform I x W	external dimensions I x W x H	item no.
	kg	mm	mm	
4363	1200	1200 x 800	1365 x 800 x 100	312.359
4365	1200	1600 x 800	1765 x 800 x 100	312.360

Plate trolleys without brackets

Payload	loading platform I x W	external dimensions I x W x H	lagertyp	item no.
kg	mm	mm		
750	1200 x 800	1320 x 800 x 295	Grooved ball	312.334
1200	1200 x 800	1320 x 800 x 295	ball	312.335
750	1600 x 800	1720 x 800 x 295	Grooved ball	312.336
1200	1600 x 800	1720 x 800 x 295	ball	312.337

insertion bracket

length	Height	item no.
mm	mm	
1200	300	312.338
1200	600	312.339
1200	900	312.340
1600	300	312.341
1600	600	312.342
1600	900	312.343

Plate trolleys with fixed tubular brackets

- ideal as assembly trolley

Design: Welded tubular and sectional steel, bolted body, powder coated blue Ra I 5007, platform made of derived timber material boards, surface beech decor. 2 swivel and 2 fixed castors, TPe tyres, hubs with deep groove ball bearings, swivel castors with wheel stops. System height: 1050 mm, retaining bracket height: 300 mm.

Type	Pay-load	external dimensions I x W x H	loading platform I x W	item no.
	kg	mm	mm	
4411	600	1070 x 610 x 1321	1070 x 335	313.030
4412	600	1070 x 710 x 1321	1070 x 435	313.031
4413	600	1270 x 810 x 1321	1270 x 535	313.032



version with insertable brackets, height 300, 600 and 900 mm



Plate trolleys version with insertable brackets, height 300, 600 and 900 mm

extra charge:
Pallet feet for plate stands
for use with forklift or pallet truck.

Underclearance	item no.
100 mm	312.369



heavy Duty Drawer Rack

+ your benefit

- convenient, easily accessible storage of tools, motors, heavy and bulky objects even at the very back of the shelf
- compact storage of goods by crane operation
- no assembly costs, since ready-made installation units are supplied

● Design

The heavy duty rack with shelf pull-out protection is an extremely robust and high-quality Drawer system for safe storage of motors, dies, tools and similar products.

The maintenance-free ball bearings guarantee good running properties of the compartments, even at maximum load.

The compartments are optionally supplied with 2/3 or full.

Overview and quick access: even unwieldy Parts can be placed ready to hand on the extendable compartments can be stored. Time consuming Moving heavy parts is not necessary.

on request:

Dimensions and colours in many versions possible
- please inquire!



Matching grippers
you will find online!

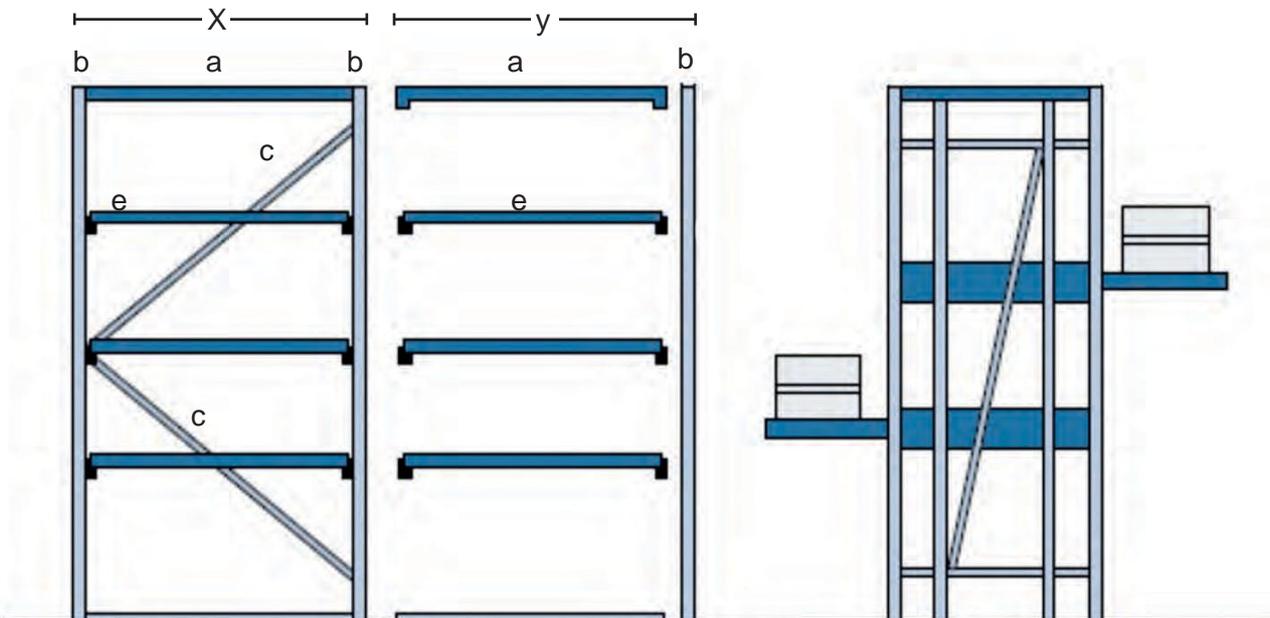




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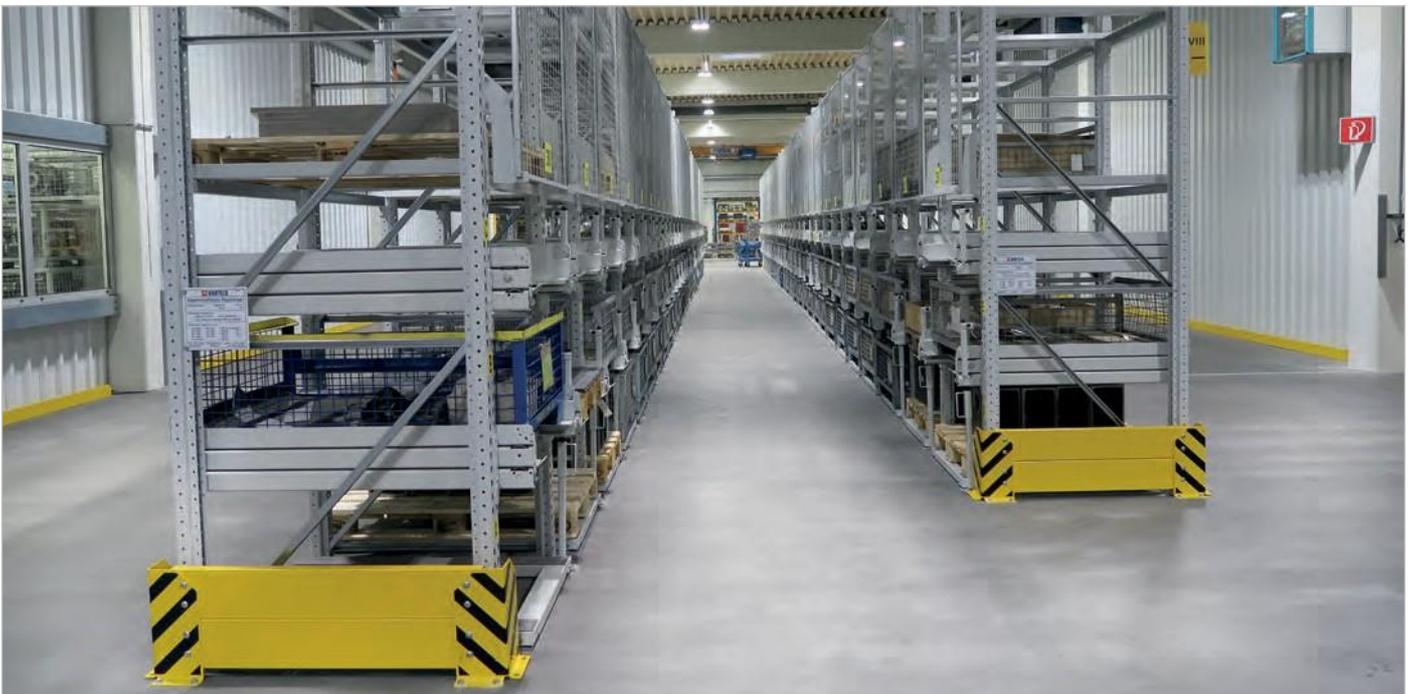
Front view basic rack and add-on module

Side view
Double-sided pull-out 63%

- a = Roof storage
- b = Lateral frames each 90 mm
- c = 1 set of connecting struts
- D = Front view
- e = Drawers according to customer specifications
- X = e + 170 mm
- y = e + 91 mm

Three different compartment variants available:

1. drawer with 63% extension - one-sided
2. drawer with 63% extension - on both sides
3. drawer with 100% extension - single-sided





KALPA-TARU[®]

POWER TRANSMISSION LIMITED



MARINI
FAYAT GROUP



FORMAX[™]

RECYCLING TECHNOLOGY



CUSTOMER