

since 1878
HESON®

standard models

special orders / production

environmental models

container and palettes

foundry form boxes

DIN EN ISO 9001





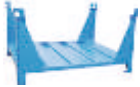

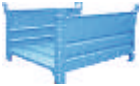











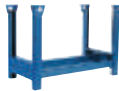





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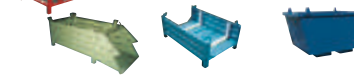


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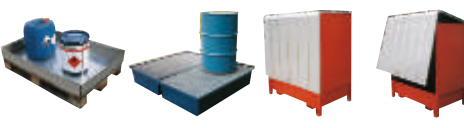
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Your reliable partner

For more than 135 years **HESON** has been a reliable partner for:

- transport- storage and environmental technology
- foundry technology (moulding boxes) and
- mechanical processing

We offer you:

- transport, storage and environmental technology with our:

HESON standard program including steel and stainless steel / aluminium container (rubble container, stackable container, steel container, mesh grating container, DIN 15155 grid boxes, flat steel pallets, storage frames, transport storage frames, frames for long material, fixed and foldable mesh boxes.)

HESON special containers/ frames made for the automotive industry (motor, wheel, pallets for wheels, EWPS wheel pallets, felloe, body components, exhaust, car seat, battery, airbag, universal racks, and fittings made from plastic material) plant construction, conveyor technique, mechanical engineering, airport, special pallets, special racks, silo containers, special containers, rubble containers.

Heson environmental program with standard collection basin and filling station

- foundry technology with moulding boxes for hand moulding and automatic moulding boxes
- mechanical processing according to customers request

HESONWERK GMBH



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HESON[®]

Certificates from HESON





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**CNC-controlled hydraulic presses
up to 700 tons of pressure output.**





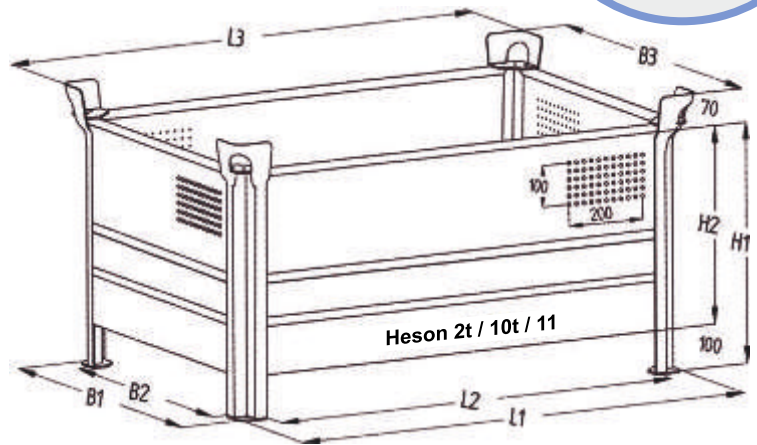
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**Application of welding robots
with patented tension devices**



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HESON[®]

Stackable containers 15/20 / 15/10 / 15/05



The HESON standard designs incorporate the following : a loading capacity of 2 tons for the 1520 container, 1 ton for the 1510 model and the lighter alternative 1505 0,5 tons, the models 1294, 1565, 1751, 2163 and 2194 can be stacked on each other. The patent-protected designs give high flexibility and consist of W-post-for high strength and with flanged locations. Distinctive attributes of the HESON designs are the rugged upper part of the walls which have folded sections, the walls and base are equally rugged and include a label section for freight documents. All containers can be delivered with a filling height of 500 mm and 200 mm. Alternative designs incorporate a mesh flap (ie, model 1751), or with runners. Oil tight and waterproof versions are also available. Containers can be ordered with a variety of finishes, as fabricated, painted to customer specification, standard HESON paint finish or hot galvanized. All HESON standard models are all cranable and HESON standard products have a test certificate and can be used in conjunction with our certificated crane balancer (our model 1115, page 18) with vertical load chains for added safety and durability.

Length x width	L1 x B1	800 x 500	1000 x 800	1200 x 800	1200 x 1000 mm
Inside width	L2 x B2	660 x 360	860 x 660	1060 x 660	1060 x 860 mm
Dim. stacking corner	L3 x B3	835 x 535	1035 x 835	1235 x 835	1235 x 1035 mm

Normal - stacking height H1/Filling height H2	500 / 400 mm	600 / 500 mm	600 / 500 mm	600 / 500 mm
Order No. load capacity 2t / authorized load 10t	1520-1	1520-2	1520-3	1520-4
Order No. (with 1/2 flap)	1520-5	1520-6	1520-7	1520-8
Order No. (half-height)	1520-9	1520-10	1520-11	1520-12

Order No. load capacity 1t / authorized load 5t	1510-1	1510-2	1510-3	1510-4
Order No. (with 1/2 flap)	1510-5	1510-6	1510-7	1510-8
Order No. (half-height)	1510-9	1510-10	1510-11	1510-12

Order No. load capacity 0,5t / authorized load 2,5t	1505-1	1505-2	1505-3	1505-4
Order No. (with 1/2 flap)	1505-5	1505-6	1505-7	1505-8
Order No. (half-height)	1505-9	1505-10	1505-11	1505-12

Low height load capacity/authorized load H1/H2	300 / 200 mm	300 / 200 mm	300 / 200 mm	300 / 200 mm
Order No.(with wall) 2t/10t	1520-31	1520-32	1520-33	1520-34
Order No.(with wall) 1t/5t	1510-31	1510-32	1510-33	1510-34
Order No.(with wall) 0,5t/2,5t	1505-31	1505-32	1505-33	1505-34
Order No.(with 1 mesh wall along side) 2t/12t	1520-21	1520-22	1520-23	1520-24
Order No.(with 1 mesh wall along side) 1t/5t	1510-21	1510-22	1510-23	1510-24
Order No.(with 1 mesh wall along side) 0,5t/2,5t	1505-21	1505-22	1505-23	1505-24

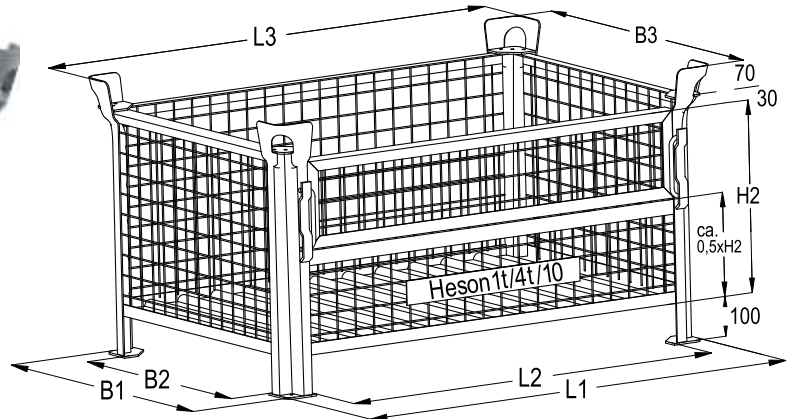
RAL 5010

RAL 7005

RAL 6011

RAL 3000

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HESON®**Grating container model 17/51**

The HESON grating container for loading capacity up to 1000 kg has a fundamentally solid construction. For the first time the HESON grating container is compatible with our models: 1520, 1510, 1505, 1565, 2163 and 2194, has a test certificate and can be used in conjunction with our certificated crane balancer (our model 1115, page 18) with vertical load chains for added safety and durability. The walls of wrought-iron grating are welded to the corner posts and the frame angles. The bottom of profiled sheet steel is welded to a border of angular steel. The runway capacity of model 1751 can be guaranteed with welded long side runners.

Lenght x width	L1 x B1	800 x 600	1000 x 800	1200 x 800	1200 x 1000
Inside width	L2 x B2	660 x 460	860 x 660	1060 x 660	1060 x 860
Dim. of the stacking corner	L3 x B3	835 x 635	1035 x 835	1235 x 835	1235 x 1035
Stacking height	H1	600	600	600	600
Filling height	H2	500	500	500	500
Load capacity / authorized load		1t /4t	1t /4t	1t /4t	1t /4t
Order no.		1751-1.0	1751-2.0	1751-3.0	1751-4.0
Order no. with ½ flap		1751-5.0	1751-6.0	1751-7.0	1751-8.0

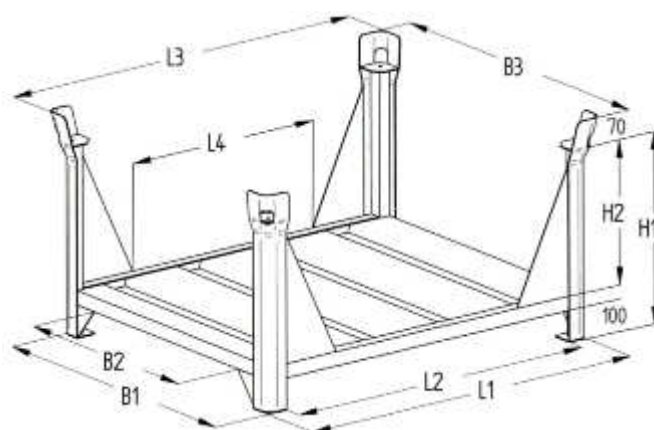
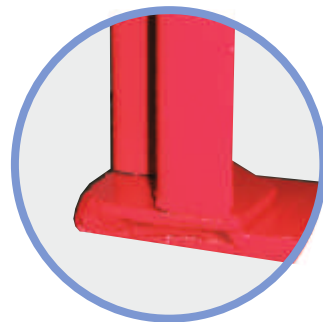
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HESON®**Storage frame model 21/63**

HESON transport- and storage frame with four open sides. Special construction points: stable edge posts as box section with junction plates to ensure the accessibility with the forklift. The bottom has a U-profile frame on all sides and profiled bottom plate. This model is compatible with our models: 1505, 1510, 1520, 1562, 1565, 2163 and 2194 and has a test certificate and can be used in conjunction with our certificated crane balancer (our model 1115, page 18) with vertical load chains for added safety and durability. The runway capacity of model 2163 can be guaranteed with welded long side runners.

Length x width	L1/B1	1000x800	1200x800	1200x1000
Inside width	L2/L4/B2	860/590/550	1060/590/750	1060/790/750
Dim. of the stacking corner	L3/B3	1035x835	1235x835	1235x1035
Stacking height	H1	600	600	600
Filling height	H2	450	450	450
Loading capacity / authorized load		1,5t/4,5t	1,5t/4,5t	1,5t/4,5t
Order no.		2163-2	2163-3	2163-4

RAL 5010

RAL 7005

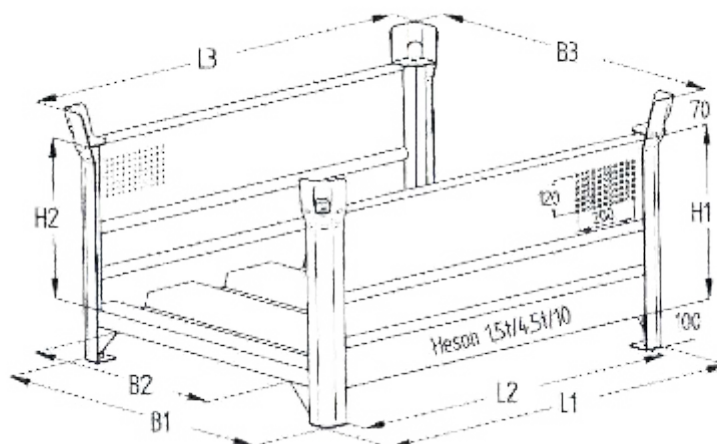
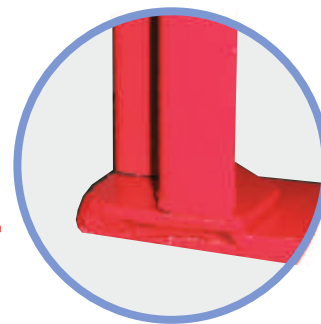
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HESON®

Storage frame model 21/94



HESON transport and storage frame for long goods. The rugged, folded tubular wall, the trapezoidal bottom and the welded junction plates confer the shear force and bending force to the posts with extra welded bearers. This model is compatible with our models: 1505, 1510, 1520, 1562, 1565, 2163 and 1751 and has a test certificate and can be used in conjunction with our certificated crane balancer (our model 1115, page 18) with vertical load chains for added safety and durability. The runway capacity of model 2194 can be guaranteed with welded long side runners.

Length x width	L1/B1	1000x800	1200x800	1200x1000
Inside width	L2/B2	860x520	1060x520	1060x720
Dim. of the stacking corner	L3/B3	1035x835	1235x835	1235x1035
Stacking height	H1	600	600	600
Filling height	H2	450	450	450
Loading capacity / authorized load		1,5t/4,5t	1,5t/4,5t	1,5t/4,5t
Order no.		2194-2	2194-3	2194-4

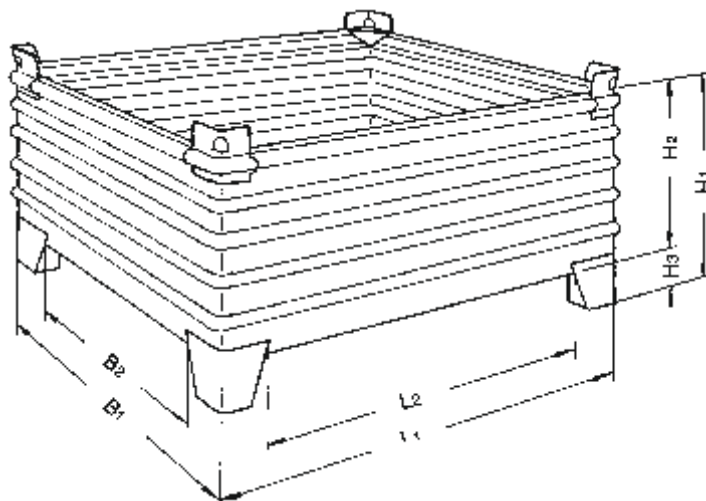
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HESON[®]**Stackable container model 15/65**

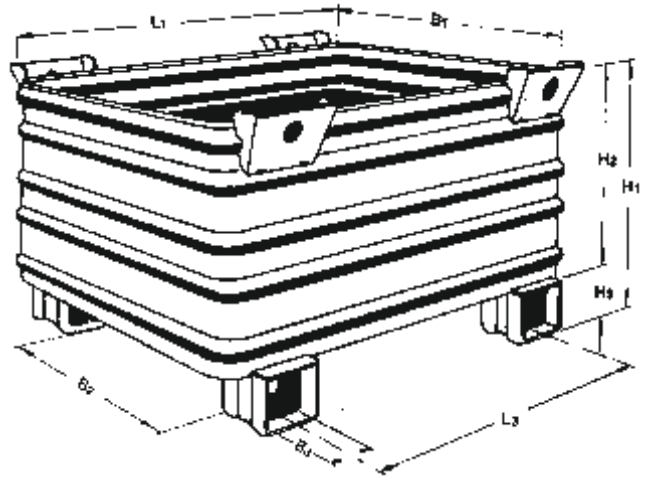
Shell construction like the HESON model 1265 constructed using HESON profile steel with the HESON round crimp. The folded design developed by HESON from a tubular profile with additional impact ring which protects the container for heavy duty applications. On this model, the stacking pockets and the bed-plate are situated so that the corner posts models 1505, 1510, 1520, 1562, 1751, 2163 and 2194 can be stacked with the model 1565 and has a test certificate and can be used in conjunction with our certificated crane balancer (our model 1115, page 18) with vertical load chains for added safety and durability.

Length x width	L1/B1	1000x800	1200x800	1200x1000
Inside width	L2/B2	860x520	1060x520	1060x720
Dim. of the stacking corner	L3/B3	1035x835	1235x835	1235x1035
Stacking height	H1	600	600	600
Filling height	H2	450	450	450
Loading capacity / authorized load		2t/8t	2t/8t	2t/8t
Order no.		1565-2	1565-3	1565-4

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HESON®

Stackable container model 12/65



HESON standard model for heavy duty applications. HESON section steels with HESON round crimp gives this container a „round“ section modulus. The folded design developed by HESON has a tubular profile with additional impact ring protects the wall of the container during heavy duty applications. Heavy, profiled, U-formed bed-plates make the utilization of turning devices possible for emptying. Safe stacking in conjunction with strong stacking pockets. This model is in constant use in the automotive industry with many thousand supplied to date. This model carries a test certificate and can be used in conjunction with our certificated crane balancer (our model 1115, page 18) with vertical load chains for added safety and durability.

Length x width	L1/B1	1000x800	1200x800	1200x1000	1200x1000
Stacking height	H1	620	620	650	650
Filling height	H2	500	500	500	500
Bottom clearance	H3	120	120	150	150
Inside width	B2	585	585	680	680
Clearance foot width	B3	120	120	220	220
Run-in measurement	L3	750	750	850	850
Load capacity / authorized load		2t/8t	2t/8t	2t/8t	2t/8t
Order no.		1265-2-0	1265-3-0	1265-4-0	1265-5-0 / Bottom 2,5mm

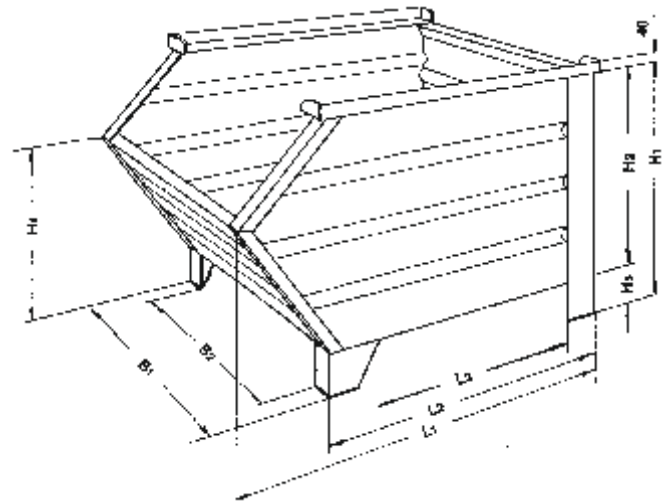
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HESON[®]**Viewable storage container model 15/72**

Viewable transport and storage container made of HESON profile steel with the HESON round crimp. Angular corner feet in connection with the HESON profiled side and bottom parts result in a high degree of section modulus. This type of container is known for a long useful life and a high service value. The welded-on stacking angles are prerequisites for safe stacking. HESON products are designed and developed for flexibility and durability.

Length x width	L1 x L2 x B1	700/500 x 800	1000/800 x 500	1200/1000 x 800	mm
Stacking height	H1	600	600	600	mm
Filling height	H2	500	500	500	mm
Bottom clearance	H3	100	100	100	mm
Inside width	L3	340	640	840	mm
Inside width	B2	700	400	700	mm
Removal height	H4	400	400	400	mm
Load capacity / authorized load		1t/4t	1t/4t	1t/4t	
Dead weight approx.		31	33	52	kg
Order no.		1572-1-0	1572-2-0	1572-3-0	

RAL 5010

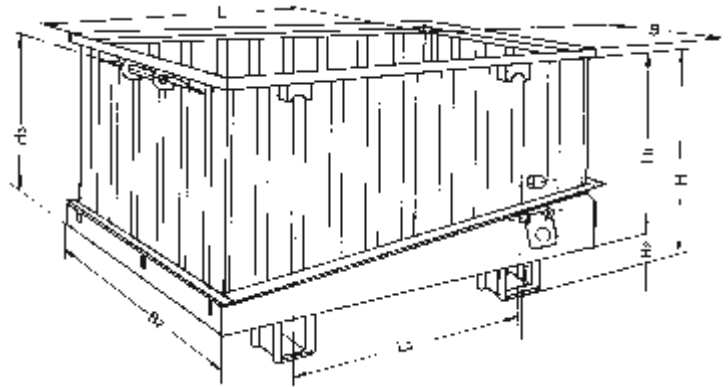
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Rubble container with bottom dumping model 12/75



Transport, storage and rubble container with bottom dumping made of HESON special profiles. Walls are vertically crimped to guarantee that even bulky rubble slides out easily. The smooth floor that is tipped on three sides can be lowered by means of auxiliary hydraulics from the driver's seat of the forklift truck. By using our certificated crane balancer (our model 1115, page 18) the container can be handled by crane.

Length x width	L x B	1000 x 800	1200 x 800	1200 x 1000	mm
Stacking height	H	815	815	815	mm
Filling height	H1	715	715	715	mm
Bottom clearance	H2	100	100	100	mm
Wall thickness		2	2	3	mm
Bottom thickness		5	5	5	mm
Width between feet	B2	880	880	1080	mm
Inside width centre to centre	L3	750	950	950	mm
Height to the centre of the hydraulic adapter	H3	680	680	680	mm
Load capacity / authorized load		1,5t/4,5t	2t/6t	2t/6t	
Dead weight approx.		142	158	205	kg
Order no.		1275-2-0	1275-3-0	1275-4-0	

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HESON®**Rubble container model 12/94****This container includes a hinged base and can be opened manually.**

The design includes: - steel feet and crane loops, smooth walls, the top frame provided with a triangular handling on the outside, the opening mechanism is by cable and lever operated **without any additional components**, double locking on two sides, closing the container by kneeling the lifting frame on the forklift, the collapse of the flapping bottom after the opening is braked by buffer. By using a certificated crane balancer (our model 1115, page 18) the container can be handled by crane. Optional extras: rollers, lid, funnel walls and crane lugs.

Length x width x height mm	Version	Order-no.	Volume m ³	Load capacity / authorized load
1200 x 800 x 860	2	1294-2	0,50	1/3 t
1200 x 800 x 1160	3	1294-3	0,75	1/3 t
1200 x 1000 x 1160	4	1294-4	1,00	1,25/4 t
1800 x 1000 x 1160	5	1294-5	1,50	1,5/5 t
1800 x 1000 x 1460	6	1294-6	2,00	1,5/5 t

RAL 5010

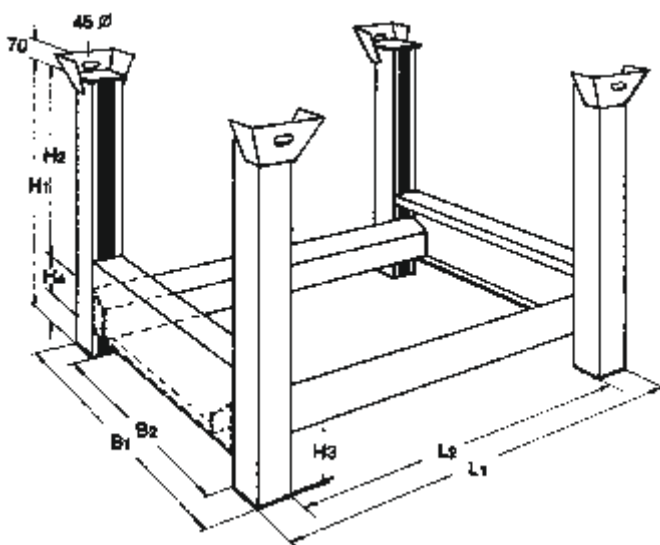
RAL 7005

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Storage frame model 21/16



HESON standard model for the rational storage of circular material (such as steel band, wire, cable, round blanks, wheels etc.). For sensitive goods, the upright sides can be equipped with wood or plastic. The solid, well thought-out HESON construction gives the necessary security in transport and storage. The posts with C-profile are particularly robust. Heavy stacking pockets and crane loops are prerequisites for transport with a crane balancer. By using a certificated crane balancer (our model 1115, page 18) the storage frame can be handled by crane.

Length x width	L1 x B1	1200 x 650mm
Stacking height	H1	900mm
Filling height	H2	700mm
Bottom clearance	H3	100mm
Support bottom height	H4	100mm
Inside width	L2	1040mm
Inside width	B2	510mm
Ring diameter		500-800mm
Load capacity		1500kg
Authorized load		4500kg
Authorized stacking height		4-fach
Dead weight approx.		56kg
Order no.		2116-3-0

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Standard crane balancer model 11/15



Our standard crane balancer model 11/15 is an innovative and flexible product that conforms to the acceptance standards for loads and lifting equipment.

The crane balancer is allowed to load up to 2000 kg for the following containers: 1505, 1510, 1520, 1562, 1565, 1751, 2163 and 2194.

All models in the standard dimension 800 x 500 mm, 800 x 1000 mm, 800 x 1200 mm and 1200 x 1000 mm are craneable and positions the lifting chains vertically with several positions available depending upon the container.

To the delivery package of the certificated traverse includes chain hoists with secured hook.

The crane balancer has a total size of (length x width) 1360 x 1160 mm and a chain length of 500 mm plus hooks. The crane balancer with a total size (length x width) of 1360 x 1160 and a chain length of 500 mm plus hooks are painted deliverable.

RAL 5010

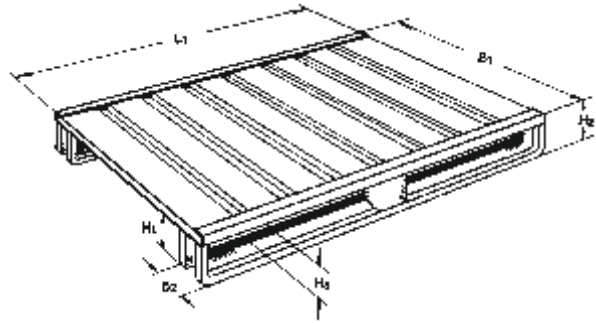
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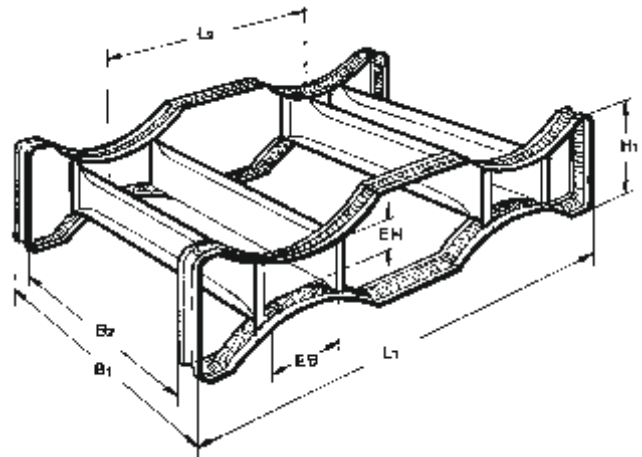
Flat steel palette model 31/62



HESON flat palette for long useful life and heavy duty applications. This flat palette has strong profile skids with a half-round support in the centre. The upper plate is extremely robust due to the trapezoidal creases. The full folded ends give the palette added strength and durability. Fully compatible with moving conveyors and suitable for high bay warehouses – a proven and robust welded construction.

Length x width	L1 x B1	1000 x 800	1200 x 800	1200 x 1000	1200 x 1000	mm
Height	H2	125	125	125	125	mm
Bottom clearance	H1	100	100	100	100	mm
Inside width	H3	80	80	80	80	mm
Width of the runners	B2	100	100	100	100	mm
Number of runners		2	2	2	3	piece
Load capacity		2000	2000	1500	2000	kg
Dead weight approx.		25	29	34	38	kg
Order no.		3162-2-0	3162-3-0	3162-4-0	3162-5-0	

Stackable barrel palette model 31/67



Stackable barrel palette made of HESON profile steel, with capacity for two barrels each according to DIN with 200 litres. An exemplary development from HESON. The old HESON round tubing frame was replaced by this construction. HESON profile steel with calculated forming. With flat load bearing to protect the barrels and floor.

Length x width	L1 x B1	1280 x 750	mm	Load capacity	500	kg
Height	H1	280	mm	Authorized load	2000	kg
Inside width	EB	190	mm	Stackable	5	times
Inside height	EH	90	mm	Hot galvanized		
	L2	700	mm	Dead weight approx.	16	kg
	B2	600	mm	Order no.	3167-3-0	

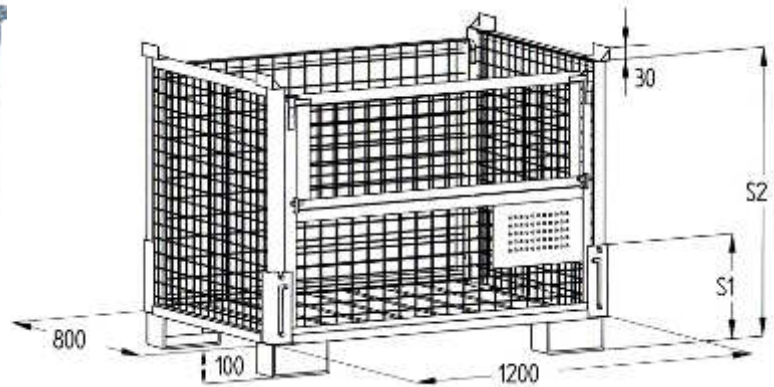
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HESON[®]**Folding boxes and crates 15/80 / 17/80**

1580-19



1780-19

You want to save space? The new folding box from optional mesh or sheet metal walls can deliver that space. In the collapsed state you save over 60% of the empty freight volume. The container is on stacking corners and can be stacked four high. The HESON napped label field is located on the lower long side. The box can be offered painted or hot galvanized, with or without a half flap and we can construct it to suit dimensions specified by the customer.

Length x width	L1 x B1	1200 x 800	mm
Stacking height in empty state	S1	290	mm
Stacking height	S2	900	mm
Load capacity / authorized load		1 / 3	t

Order no. (solid wall container)	1580-19
Order no. (mesh/grating container)	1780-19

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Roll-on container HM 81



The HESON roll-on container is suitable for transport and unloading all kinds of loose materials.

Features:

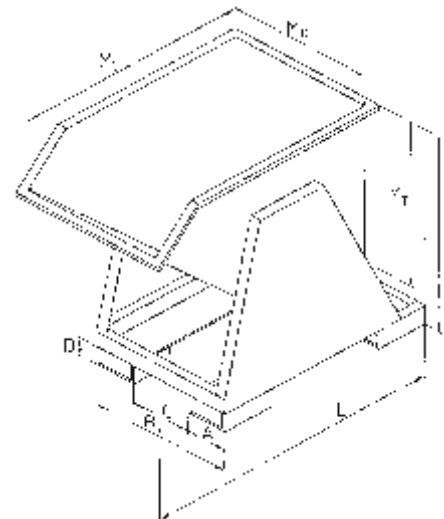
- gentle and automated emptying process
- the tilting process is triggered from a pull cable located at the driver's seat.
- simple swing back with the container locked in the fill position.
- breakaway quick-closing device by chain on the forklift frame
- wall and bottom thickness 3 mm
- special frame reinforcement to avoid damage by the forklift truck.
- optionally coloured in RAL 5012, blue or hot galvanized

Special production against extra costs:

- with lid ½ fixed, ½ folding
- with lid removable
- with 2 block and 2 steering rollers
- oil-tight welded



Container volume	m³	0.3	0.5	0.75	1.0	
Load capacity approx.	kg	750	1000	1500	2000	
Length (L) x width (B)	mm	1180 x 840	1450 x 840	1450 x 1140	1450 x 1440	
Height approx.	mm	945	1070	1070	1070	
Dead weight approx.	painting	164	212	253	278	
	galvanized	179	231	276	310	
Skip	Lenght ML	mm	980	1250	1250	1250
	Width MB	mm	700	700	1000	1300
	Depth MT	mm	725	850	850	850
Inside dim.	mm					
	A	210	210	210	210	
	B	420	420	600	600	
	C	85	85	85	85	



RAL 5010

RAL 7005

RAL 6011

RAL 3000

since 1878
HESON®

Hanger container model 15/68 and 15/69

The solid HESON frame container can be handled by crane and is suitable for overhead runway systems. The simple stacking principle about the frame, also serves as a crane slot. This design is extremely popular in South-West-Europe, especially in heavy industry where high standards of construction are necessary. The container can be delivered with perforated bottom and walls for hot goods.



Model 15/68

Walls are constructed using 2mm sheet steel, the base constructed using 3 mm profiled steel, reinforcement in the form of a closed top triangular handle.

L x W x H	800 x 500 x 550	1000 x 800 x 550	1200 x 800 x 600	1200 x 1000 x 700	mm
Load capacity	1500	2000	2000	2000	kg
Volume	150	300	400	600	liter
Stacking height	5 x	5 x	5 x	5 x	
Order no.	1568-1	1568-2	1568-3	1568-4	



Model 15/69

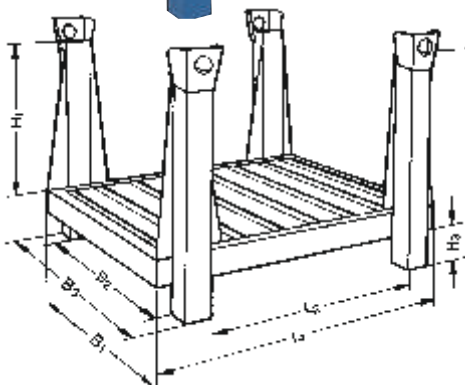
Similar to the construction of model 1568. Side walls 3 mm steel with the base using 4 mm profiled steel plate, perforated side walls with 25 mm holes for cooling the goods, especially popular for use in foundries and forges.

L x W x H	1000 x 800 x 550	1200 x 800 x 600	1200 x 1000 x 700	mm
Load capacity	2000	2000	2000	kg
Volume	300	400	600	liter
Stacking height	5 x	5 x	5 x	
Order no.	1569-1	1569-2	1569-3	

Storage frame model 21/66



HESON standard heavy duty model heavy duty. The bottom section is surrounded with a substantial frame with additional reinforcing using the HESON profiled bottom plate. Tubular feet with welded-on junction plates ensure stability and safety



Length x width	L1 x B1	1000 x 800	1200 x 800	1200 x 1000	mm
Stacking height	H2	680	680	680	mm
Filling height	H1	500	500	500	mm
Bottom clearance	H3	100	100	100	mm
Inside width L.	L2	700	700	700	mm
Inside width W.	B2	720	720	920	mm
Post measurement	B3	880	880	1080	mm
Load capacity		2000	2000	2000	kg
Authorized load		6000	6000	6000	kg
Authorized stacking height		4	4	4	
Dead weight approx.		57	62	68	kg
Order no.		2166-2-0	2166-3-0	2166-4-0	
Paint / Color		gray to RAL 7005 or special colors			

RAL 5010

RAL 7005

RAL 6011

RAL 3000

Steel and stainless steel industrial floor plates

Armoured floor plates for industrial floors are virtually indestructible and save on flooring repairs and can speed up the flow of transport.

The HESON steel floor plate was created for heavy floor use in industrial factories. With intensive driving traffic and special floor load, it offers a very long useful life. It is simple to lay, non-slip, heat-resistant and needs few repairs.

Dimensions:

300 x 300 mm (11 plates = 1 m²)

300 x 150 mm (for outside edges when laying with a staggered pattern)

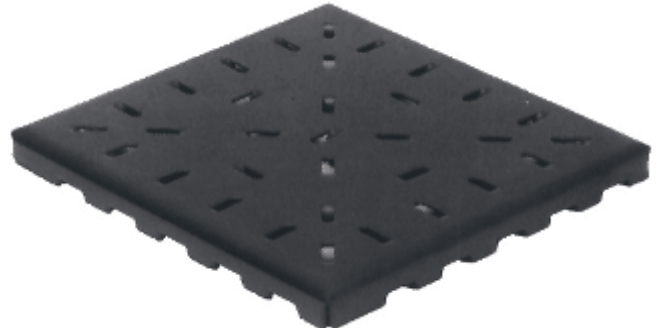
Laying instruction:

Laying HESON floor plates is simple. It can be carried out by any construction company, as well as by the company's own maintenance staff.

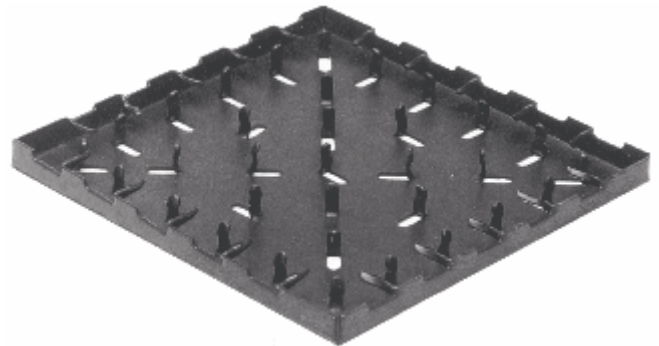
Existing concrete is cleaned and roughed up and approximately 3 cm thick cement mortar bed is spread out with a mixture ratio 1:3. The floor plates are pressed into the mortar bed with a close fit. Then, they are lightly hammered until the mortar protrudes from the anchoring slits.

The hammering must take place so that no empty space remains between the plate and the bed. After approximately 24 hours, the protruding mortar is scraped off, which can best be done with a scraper or spatula.

Standard-plate



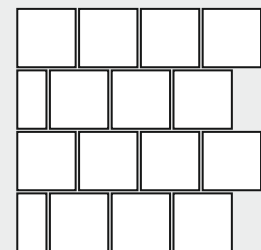
Back side



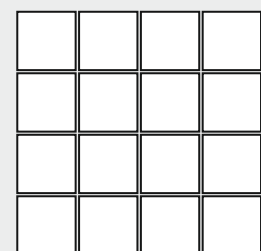
Half floor plate



Methods of laying



staggered rows arrangement particularly recommended



uniform row arrangement



since 1878

HESON®

Rubble container model HV 61 Traverse model 1171



HV 61



HV 61 with lid

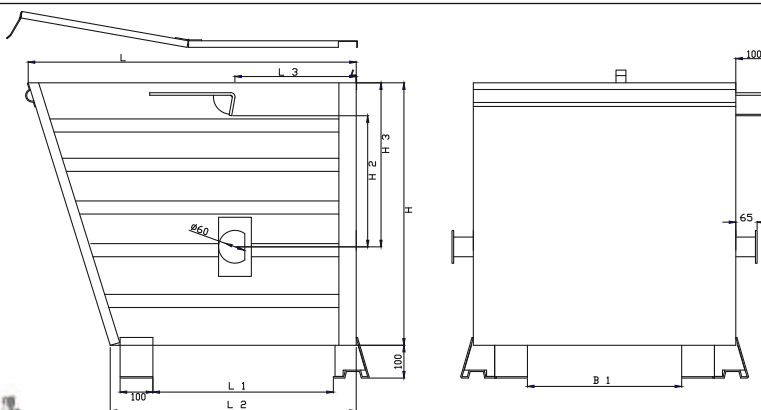


HESON-Rubble container model HV 61 with mechanical emptying function

Construction characteristics: side walls, back walls and bottom constructed using sheet steel, with deep profiling crimps, smooth dumping wall, upper edge stiffened by means of a folded edge. Stable pivot points and locking mechanism. Angle corner posts constructed using Angle iron on the inner and out sides.

Optional finishes: Normal model: painted with RAL 7005, gray and RAL 6011, green. Special model: hot galvanized, welded oil-tight, with a 1/2 foldable lid, with block and steering rollers.

Order no.	Type	L	B	H	H1	L1	B1	Load capacity	Dead weight	Weight	Volume
		mm	mm	mm	mm	mm	mm	kg	to	kg	m ³
1061-1	1	800	600	500	100	400	460	600	1,2	60	0,25
1061-2	2	1000	800	800	100	550	470	1000	2	100	0,60
1061-3	3	1200	800	800	100	700	470	1500	3	110	0,75
1061-4	4	1200	1000	800	100	700	670	1500	3	120	0,90
1061-5	5	1600	1200	1000	100	1100	970	1000	2	180	1,80



Mechanical and hydraulic emptying versions.

Our HESON mechanised versions have been trusted as a safe solution, emptying the rubble container quickly and easily. Using the mechanical mechanism the container is rotated by gravity to empty the contents. A special hydraulic version is also available. The container can be reset into position manually or mechanically using the hydraulic version. The mechanism is normally painted in yellow.



Technical information - Table 2: Standard sizes

Order no.	Version	A	B
mech.	hydr.	for container	mm
1161-1	1171-1	1061-1	800/ 600
1161-2	1171-2	1061-2	1000/ 800
1161-2	1171-3	1061-3	1200/ 800
1161-4	1171-4	1061-4	1200/1000
1161-5	1171-5	1061-5	1600/1200



since 1878
HESON®

Long material storage frame with crane balancer

HESON-long material storage

Load capacity from 1000 to 6000 kg
 Authorized load from 5000 to 30000 kg
 Equipment for several crane gears such as run-in and filling possibilities for forklift according to sample or drawing.



HESON strong material storage frame STRONG 2190

Load capacity from 100 to 6000 kg
 Authorized load from 5000 to 30000 kg
 Equipment for several crane connections, runway capable, painted or hot galvanized such as run-in and filling possibilities and another length according to special requests. Available with Crane Balance.

**HESON long material storage frame LIGHT
 long material storage frame model 2109-02 and model 2109-06**

To optimise the freight volume the long material storage frame is of a tubular construction. The storage frames could be interconnected to each other, so that 100 pieces per truck from the six metre long material storage frames could be carried or 250 pieces per truck from the two metre long material storage frames. The runway capable long material storage frame is capable of storing long material e.g. angle profile or plastic tubes, steel etc.

Order no.	Length	Width	Stacking height	Filling height	Load capacity / authorized load
	mm	mm	mm	mm	kg
2109-02	2000	780	700	550	1000/4000
2109-06	6000	780	700	550	1000/4000



photo 2 order no. 2109-06

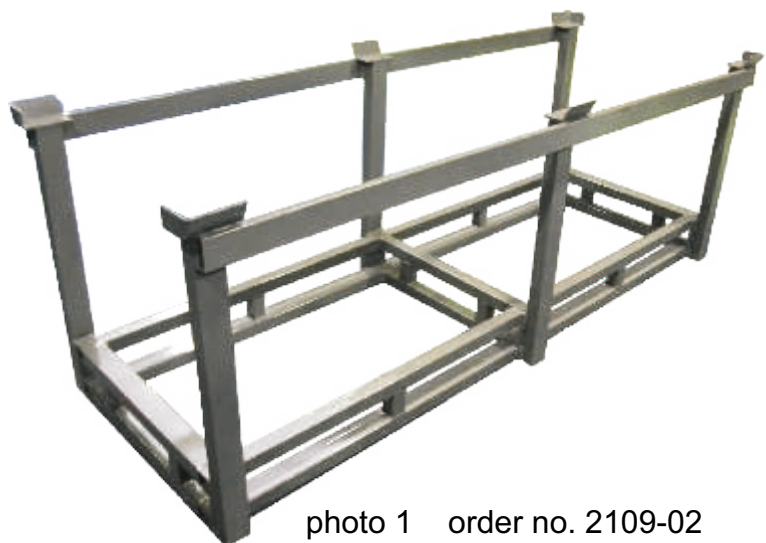


photo 1 order no. 2109-02

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Numerically controlled transport of HESON special containers with half walls that can be lowered on all sides' feet according to DIN 15155 for moving conveyors.



RAL 5010

RAL 7005

RAL 6011

RAL 3000

HESON®

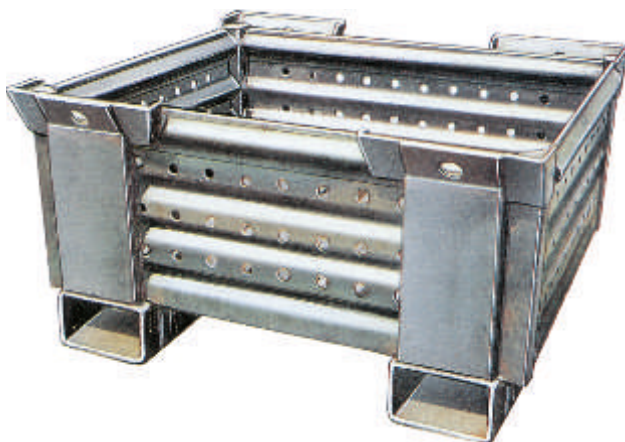
Special-production



Standard container with mechanical opening side wall and emptying slide adapted to the height of the work place



Special container with sound proofing made from polyurethane cover



HESON foundry and forge container with reinforced design execution for the storage and transport of glow material (hot parts)



RAL 5010

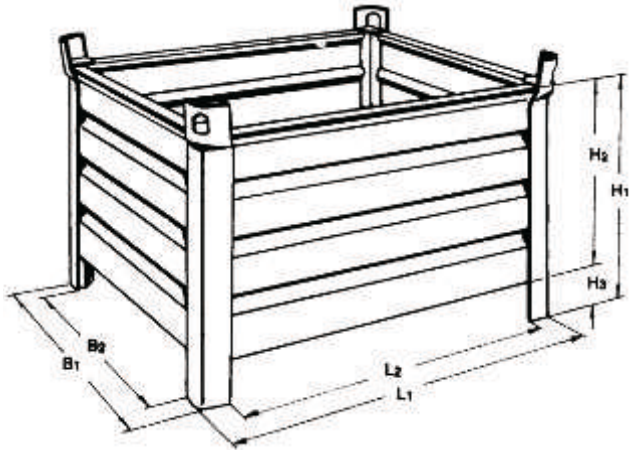
RAL 7005

RAL 6011

RAL 3000

HESON®

Special production



The long established model 1562 made from HESON special profile. Strong corner posts with 70 mm sides in connection with interior angle provide extraordinary robustness. Floor-saving foot-end plate. Walls with the HESON round crease, 30 mm wide triangular fold strip to give added reinforcement. The container can also be delivered with a 1/2 flap (or a mesh flap), with runway capable runners, oil-tight and waterproof welded, with or without colour or hot galvanized. A development by HESON, more than 1,000,000 units sold to date. Stackable with our models 1505, 1510, 1520, 1565, 1751, 2163, 2194. The container is certificated like all our other cranable products and using a certificated crane balancer (our model 1115, page 18) the storage frame is cranable and the load chains held vertical.

Length x width	L1/B1	800x500	1000x800	1200x800	1200x1000
Inside width	L2/B2	660x360	860x660	1060x660	1060x860
Dim. of the stacking corner	L3/B3	835x535	1035x835	1235x835	1235x1035
Stacking height	H1	500	600	600	600
Filling height	H2	400	500	500	500
Load capacity / authorized load		2t/10t	2t/10t	2t/10t	2t/10t
Order no.		1562-1	1562-2	1562-3	1562-4
Order no. (with a 1/2 flap)		1562-5	1562-6	1562-7	1562-8



HESON transport and stackable container with stacking pockets set to the inside. The advantage is precise freight and shelf volume determination, since the outside measurements of the container correspond with the nominal measurements. Safe stacking by means of better vision for the loader to give precise loading patterns.

HESON transport and storage container with special design. The special foot construction makes the use of turning devices for emptying, as well as container use on moving conveyors and in shelving facilities.



RAL 5010

RAL 7005

RAL 6011

RAL 3000

HESON®

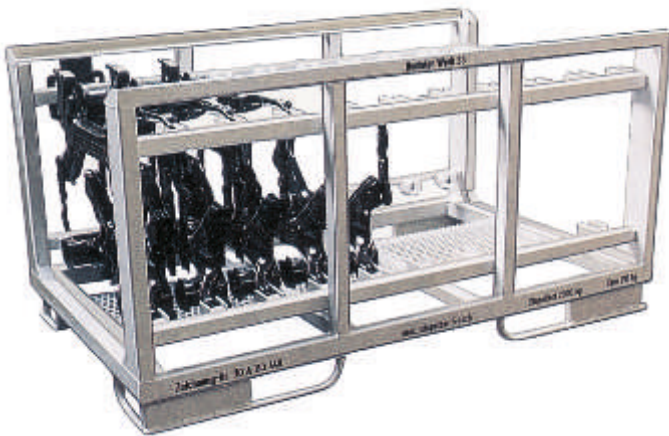
Special production for automotive



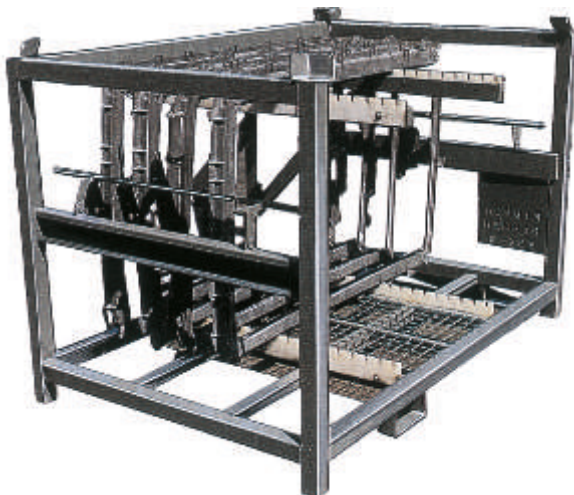
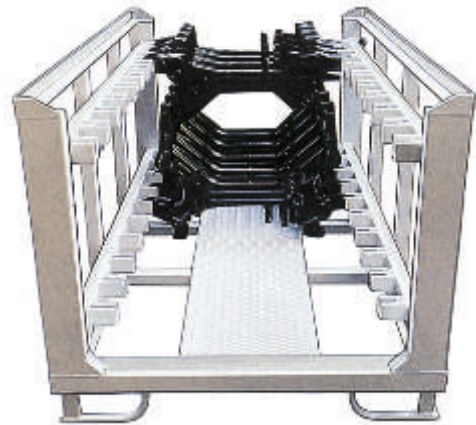
Foldable special rack for the accommodation of rings and tires



Foldable transport frame with transport mechanism for the accommodation of various car motor variants



Storage and transport of parts of the automotive industry directly to the assembly line



Special rack for the accommodation of sun roof frames for the automotive industry



Special container of the automotive industry for the storage and damage free transport for inner door lining that is ready for installation

RAL 5010

RAL 7005

RAL 6011

RAL 3000

since 1878

HESON®

Special production for automotive



Special frame for heavy truck suitable for moving carpets



Transport and storage frame for prefabricated parts as intermediate storage



Special frame for the accommodation of bus passenger seats

RAL 5010

RAL 7005

RAL 6011

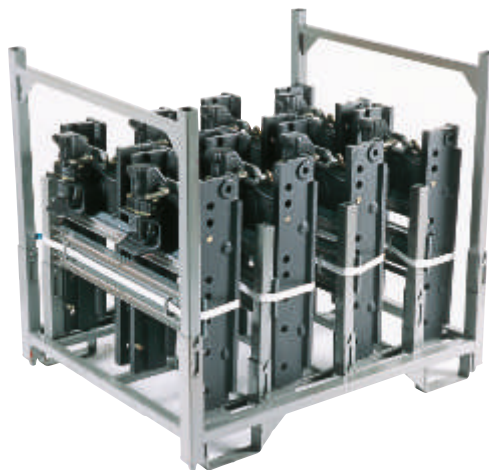
RAL 3000

HESON®

Special production for automotive



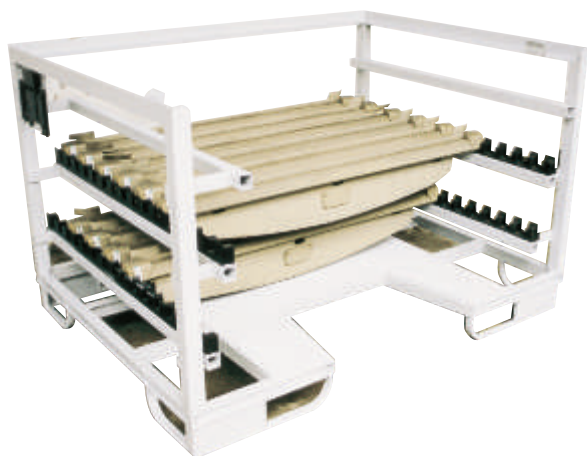
Multibag-rack for storage and transport of sensible goods with plastic inlets



Foldable rack



From above and from the slides to fill in sensible parts in the container



Special rack for the automotive industry



Special rack for the automotive industry

RAL 5010

RAL 7005

RAL 6011

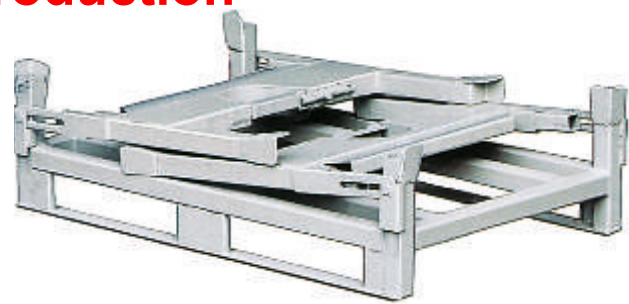
RAL 3000

since 1878
HESON®

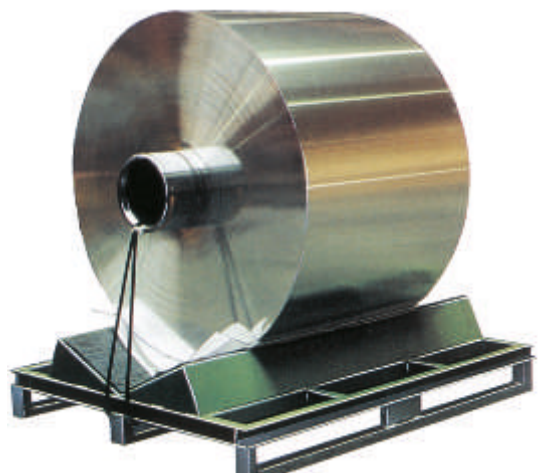
Special production



Heavy coil storage frames



HESON special frame for the hanging transport of sensitive coils. Only a third of the space required when folded up for reasonable freight empty transport



Heavy coil transport frame suitable for moving carpets soil support area with plastic or felt desired



Spool frame for winding bands and wires



Transport frame with loose, inserted support sheets



Disposal container with accommodation for automatic emptying

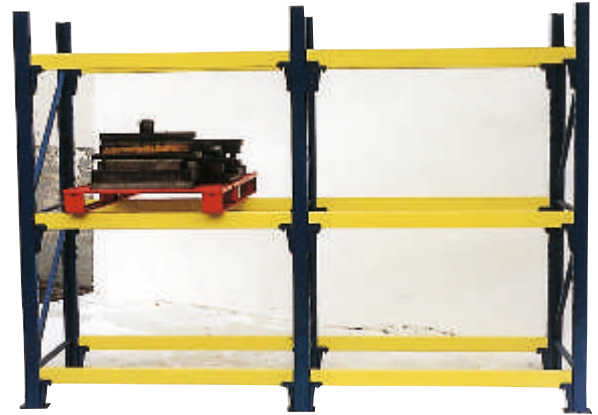
RAL 5010	RAL 7005	RAL 6011	RAL 3000
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HESON®

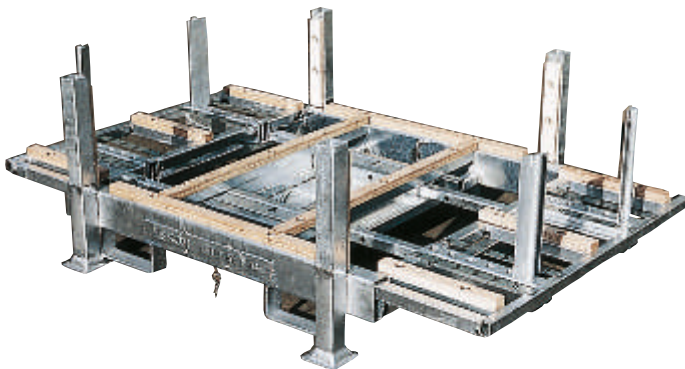
Special production



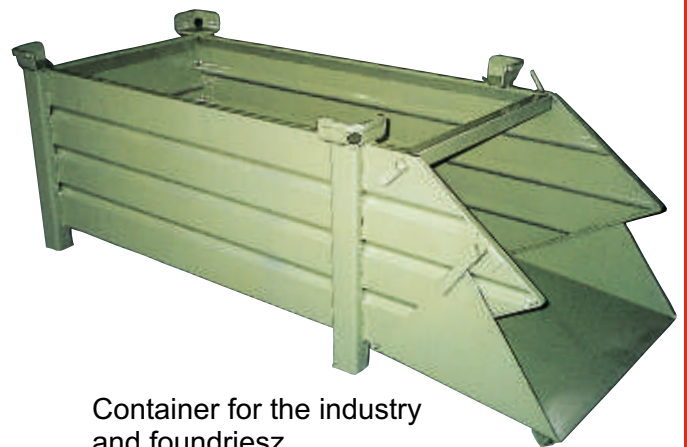
Special frame for the storage of sensitive parts



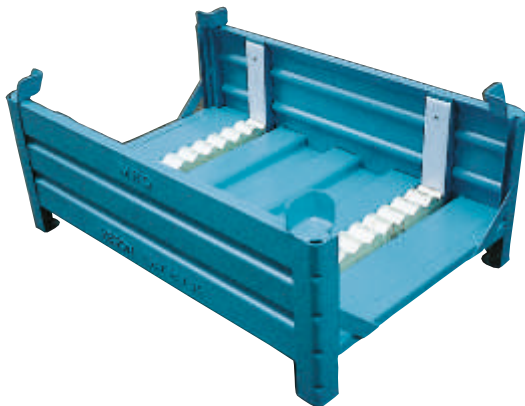
Heavy load shelf



Variable length special rack for parts that are sensitive to impact



Container for the industry and foundries



Open post frame with plastic prism accommodations. For safe storage of parts that are sensitive to impact



Space saving conical transport container

RAL 5010

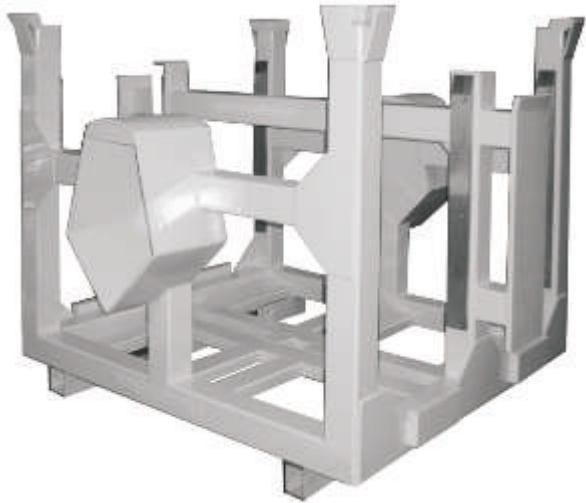
RAL 7005

RAL 6011

RAL 3000

HESON®

Special production



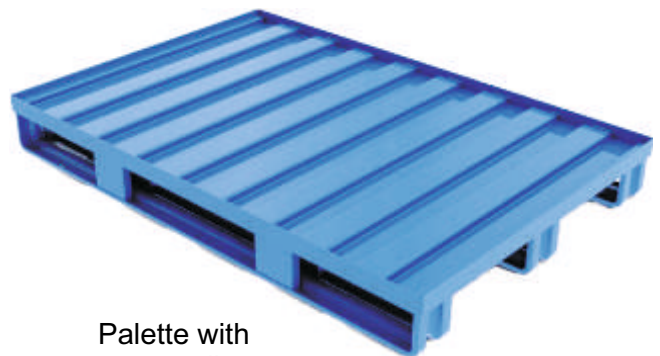
Special rack according to drawing



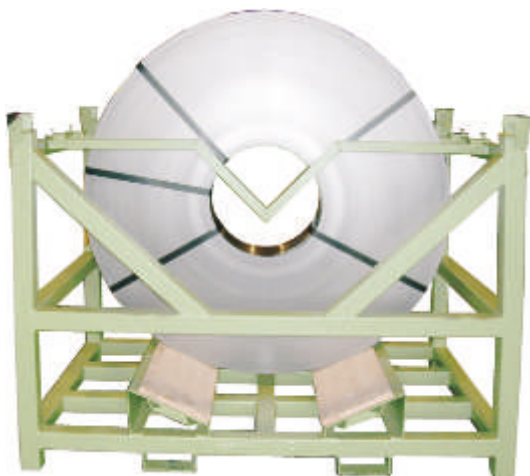
Silo container



Foldable grating container



Pallet with surrounding



Special rack for coils



Grating box pallet according to the european standard DIN 15155

RAL 5010

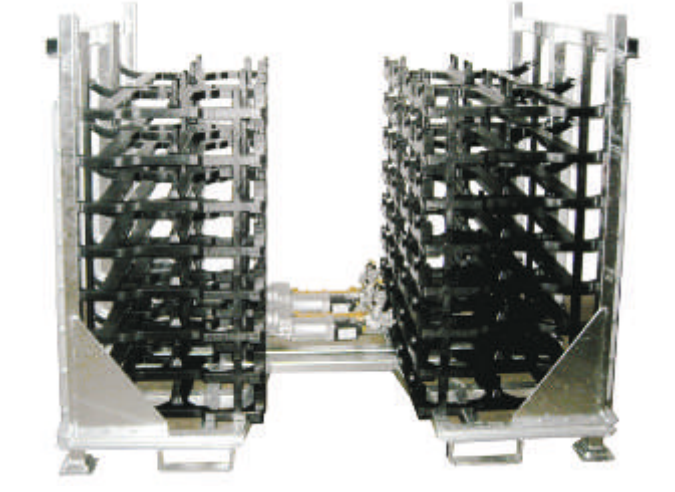
RAL 7005

RAL 6011

RAL 3000

HESON®

Special production



SPEZIAL ORDERS / PRODUCTION

RAL 5010

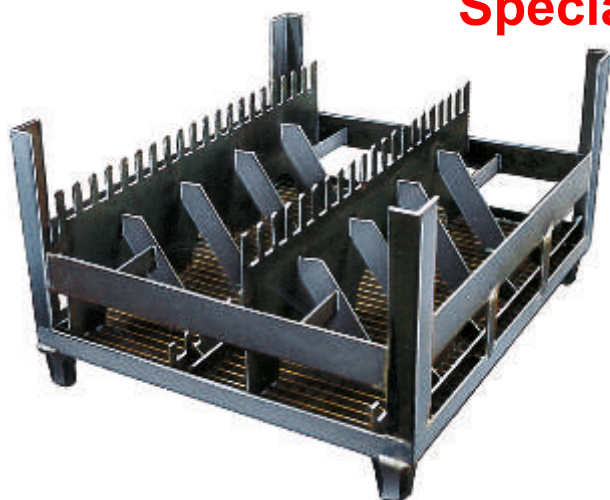
RAL 7005

RAL 6011

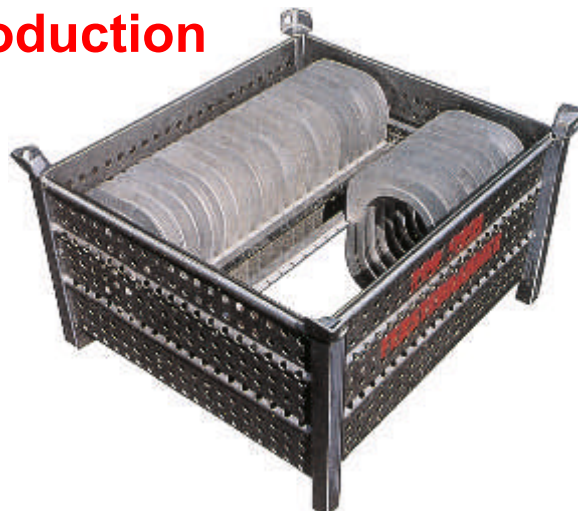
RAL 3000

HESON®

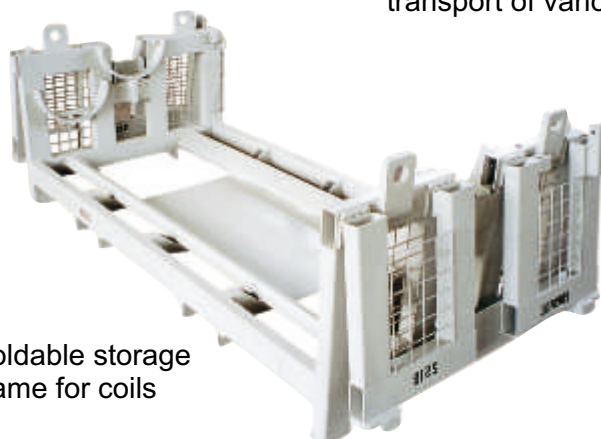
Special production



Automation ready special frame for the accommodation of special form parts



Heat container with adjustment possibilities for the accommodation and transport of various aluminium forged parts



Foldable storage frame for coils



Movable feeding silo container with lid for the screw industry



Coil frame with narrow bands with adjustable securing possibility suitable for transport with automatic traverse

RAL 5010

RAL 7005

RAL 6011

RAL 3000

HESON®

Special production



Storage frame for BIG BAGS



Air container



High bay able big size pallet

RAL 5010

RAL 7005

RAL 6011

RAL 3000

HESON®

Special production



Slanted ring and band rack
with backwards securing



Band frame with variable support
for narrow bands



Palette with wooden support with
surrounding, perforated border, suitable
for the attachment of lasting bands

RAL 5010

RAL 7005

RAL 6011

RAL 3000

since 1878
HESON®

The nature needs a partner

The aim of HESON – environment engineering is to avoid environmental damage. Our products are involved in the law of the regulation of water balance WHG. They conform to the generally accepted rules of technology and underlie to type - checking and external monitoring by the “TÜV” and have type approval from LUA countries environmental office NRW.



ISO 9001

Hersteller: Hesonwerke GmbH Pretzsch
StawaR 17355 ÜZ 6 / J160 / 99
TÜV Nord Anlagentechnik TÜV Hannover / Sachsen-Anhalt e.V.

BAUARTZULASSUNG
 Hergestellte Lagersysteme unter dem Kennzeichen
 LUA NRW-19h-95/5.0.0
 der Bauart nach zugelassen





systems engineering
ÜZ 6 / J160 / 99

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HESON®



Standard collection basin

Materials that are harmful to water must be stored in accordance with §19 L Section 1, so that contamination of the water or other changes in its characteristics are prevented.

HESON standard collection basin,

portable on two sets of rollers, two steering rollers (one with locking pin), sliding clevises made of steel tubing, with barrel block and lashing belt to secure the barrel during transit.




Type	Dimensions L x W x H in mm	Litre	Load capacity	Surface protection
 AIF 4294-01-3 200l	800 x 800 x 1100	225	400	painted in orange RAL 2000 or galvanized
 AIF 4294-02-3 400l	1200 x 800 x 1100	240	800	painted in orange RAL 2000 or galvanized



HESON standard collection basin,

portable on two sets of rollers, two steering rollers (one with locking pin), sliding clevises made of steel tubing, with barrel block and lashing belt to secure the barrel during transit.

 AIF 4392-01-0	800 x 1200 x 1100	240	400	painted in orange RAL 2000 or galvanized
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HESON standard collection basin,

constructed as a stackable unit which can be transported by fork lift truck.

Side walls, back walls and folding doors manufactured from profiled steel plate, door with safety lock, opening lid of steel plate cushioned by gas-pressurized spring, only for materials that are harmful to water WGK 0-3 and flammable liquids AIII.

Suitable for outside use and can be stacked three high.






 AIC 4494-02-3 400l	1200 x 800 x 1560	260	800	painted in orange RAL 2000 or galvanized
 AIC 4494-04-3 800l	1200 x 1200 x 1560	450	1600	painted in orange RAL 2000 or galvanized

HESON standard collection basin,

as stacking and transport frame with protective walls constructed from profiled steel plate, enclosed on three sides, securing chain at the front, with karabiners, 3 x stackable, for non-flammable liquids. Hazard classes AIII



 AIP 4394-01-3	800 x 800 x 1560	220	400	painted in orange RAL 2000 or galvanized
 AIP 4394-02-3	1200 x 800 x 1560	260	800	painted in orange RAL 2000 or galvanized
 AIP 4394-04-3	1200 x 1200 x 1560	450	1600	painted in orange RAL 2000 or galvanized

options: at extra cost plug-in side walls and back walls.

RAL 5010

RAL 7005

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RAL 3000



systems engineering
ÜZ 6 / J160 / 99

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Standard collection basin

Danger class A
not water-soluble liquids

burning point	example
AI lower than 21°C	waste oils of unknown origin, petrol, nitro thinner
AII 21°C till 55°C	petroleum, turpentine, styrene
AIII 55°C till 100°C	waste oils of unknown origin, fuel oil, diesel oil, phenol

Danger class B
water-soluble liquids

burning point	example
B lower than 21°C	methanol, ethanol, acetone

Water hazard class:

- WGK 0 generally not hazardous
- WGK 1 lightly hazardous to water
- WGK 2 hazardous to water
- WGK 3 extremely hazardous to water

The dispatch of our collection basin are suitable to the german instructions WHG, VSF, TRbF and WwS.

HESON standard collection basin,

3 mm steel plate construction according to EN/DIN 10025, galvanized grating, bottom clearance of 100 mm, stable feet formed as run-in loops. For materials hazardous to water WGK 0-3 and flammable liquids of the hazard classes AI, AII, AIII and B if at least 25 % of the total area is not full. Only for internal use.



Type	Dimensions L x W x H in mm	Litre	Load capacity kg	Surface protection
AIP 4192-01-3 200l	800 x 800 x 560	225	400	painted in orange RAL 2000 or galvanized
AIP 4192-02-3 400l	1200 x 800 x 400	240	800	painted in orange RAL 2000 or galvanized
AIP 4192-04-3 800l	1200 x 1200 x 330	260	1000	painted in orange RAL 2000 or galvanized
AIA 4192-04I-3 800l	2400 x 800 x 285	260	1000	painted in orange RAL 2000 or galvanized
AIP 4192-08-3 1600l	2400 x 1200 x 200	280	2000	painted in orange RAL 2000 or galvanized



HESON standard collection basin,

constructed for stacking and transport by fork lift truck.

Stable corner posts with stacking pockets, 3-sided horizontal braces made of profiled steel plate, securing chain in front, with karabiners, 3 x stackable, for non-flammable liquids.



AIP 4292-01-3 200l	800 x 800 x 1560	200	400	painted in orange RAL 2000 or galvanized
AIP 4292-02-3 400l	1200 x 800 x 1560	224	800	painted in orange RAL 2000 or galvanized
AIP 4292-04-3 800l	1200 x 1200 x 1560	224	1600	painted in orange RAL 2000 or galvanized
AIP 4292-11-3 Ausführung mit Gitterwänden	800 x 800 x 1560	225	400	painted in orange RAL 2000 or galvanized
AIP 4292-12-3 Ausführung mit Gitterwänden	1200 x 800 x 1560	260	800	painted in orange RAL 2000 or galvanized
AIP 4292-14-3 Ausführung mit Gitterwänden	1200 x 1200 x 1560	450	1600	painted in orange RAL 2000 or galvanized



Oil proof waste containers can be supplied in all sizes.

RAL 5010

RAL 7005

RAL 6011

RAL 3000



since 1878

HESON®

Storage and filling station

The storage and Filling station is constructed from 3 mm steel plate. The collection basin is manufactured according to EN/DIN 10025, with welded-on supports, support extension and longitudinal beam (special profile) as reasonable transport plug connection. Good emptying by means of the slanted position of the barrels, the filling area is surrounded by the basin area, for substances that are hazardous to water WGK 0-3 and flammable liquids of the hazard classes AI-AIII and B.

Type	Dimensions L x W x H in mm	Litre	Load capacity kg	Surface protection
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2 x 200 litre barrels stored in line

	AIA 4392-02-0	1500 x 1200 x 730	220	1200	Painted in orange RAL 2000 or galvanized
--	---------------	-------------------	-----	------	---



2 x 2 x 200 litre barrels on top of one another

	AIA 4392-12-0	1500 x 1200 x 1650	220	1200	Painted in orange RAL 2000 or galvanized
--	---------------	--------------------	-----	------	---



4 x 200 litre barrels stored and accessible in line

	AIA 4392-04-0	2900 x 1200 x 730	440	1200	Painted in orange RAL 2000 or galvanized
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Accessories:

HESON standard barrel pallet can be galvanized use, order no. 3167.
And also be used alone or as a stackable frame.
The catch tray is suspended from both levels.

**According to the circular order of MURL of 05/07/1992,
the following are part of the scope of delivery of collection basins:**

Manufacturer sign, factory testing certificate and the operating instructions.

type approval

Produced storage systems under the sign
LUA NRW-19h-95/5.0.0
the typ by approved

ISO 9001

The operator is responsible for setup and operation of the collection basins, as well as compliance with the storage capacity or container size (according to sub-clauses 5 and 6 of the circular order of MURL)

RAL 5010

RAL 7005

RAL 6011

RAL 3000



systems engineering
ÜZ 6 / J160 / 99


since 1878

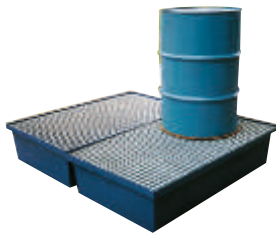
HESON®

Collection basin made from stainless steel 1.4301 or 1.4751

The stainless steel collection basins are used for the storage and transport of aggressive substances. The transport from the HESON-basins is done exclusive of euro pallets for reasons of stability. The basin is secured against slipping.



Type	Dimensions L x W x H in mm	Litre	Load capacity	Surface protection
 AIF 4499-01	800 x 1200 x 150	150	1000	



The security and safety with this design than the standard basins.

 AIQ 4499-02	800 x 1200 x 400	240	1000	painted in orange RAL 2000 or galvanized
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HESON dangerous goods container

for the secure storage of dangerous goods, (ie flammable liquids, toxic substances etc.) The hooded lid is relieved by gas springs. The container is lockable. The side walls are made from profiled steel. The loading space for 2 x 200 litre barrels on steel grating.



AIL 4449-015	800 x 1200 x 1560	260		painted in orange RAL 2000 or galvanized
AIC 4440-026	800 x 1200 x 1560	260		painted in orange RAL 2000 or galvanized

RAL 5010

RAL 7005

RAL 6011

RAL 3000

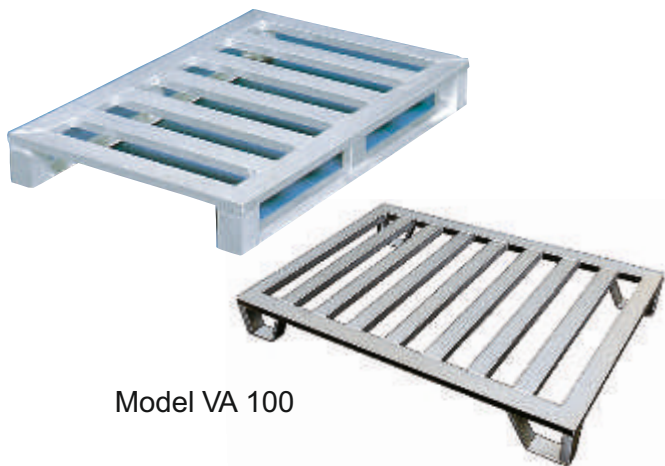
made of stainless steel
and steel



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HESON®

Container and palettes
made of stainless steel and
aluminium for the food industry



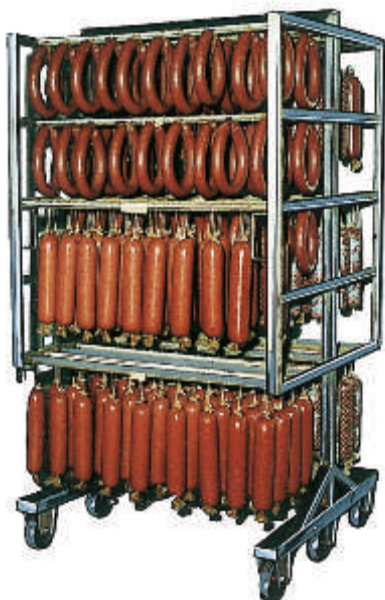
Model VA 100

Flat palette in all standard sizes



Model VA 800

Lifting and feeding car
200 L volume



Smoking and sausage hinging car,
1000 x 1000 mm basic size,
2000 mm overall height



Model VA 300

Grating box palette 1250 x 850 mm
outside measurement 875 mm
stacking height, load capacity 1000 kg

made of stainless steel
and steel



since 1878

HESON®

Container and palettes made of stainless steel und aluminium for the food industry



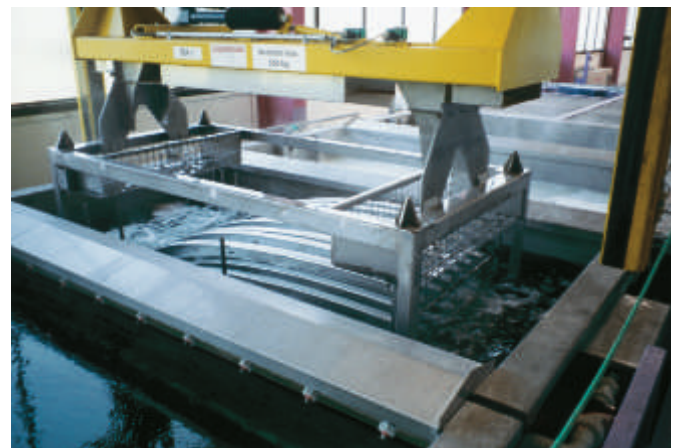
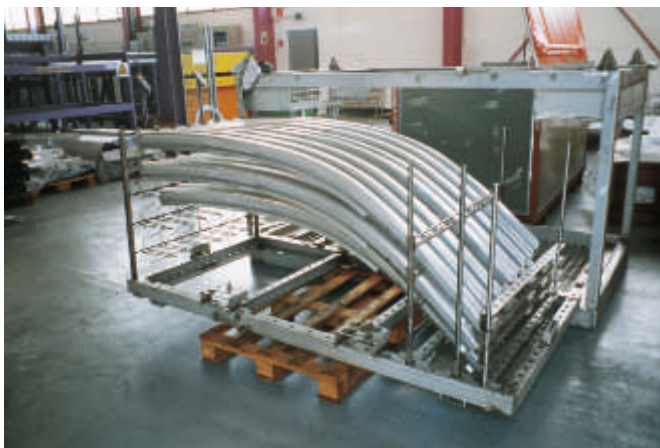
Silo container made
from stainless steel
for the food industry



Silo container made
from stainless steel



Container made from
stainless steel



Flexible storage frame

since 1878

HESON®

Foundry moulding boxes

Please order our special catalog there for



Annealing boxes



Core storage frame

