

EMPTYES POOL



J.M. Voith SE & Co. KG

Division Turbo

Crailsheim Location

Version: 6.4
As of: 2024-11-14
Status: Updated
Author: Thomas Brenner
Updating: Ali Eslikizi



1	Pallets	
1.1	Voith Pallets	3
1.1.1	Voith mesh box pallet	3
1.1.2	Voith industrial pallet	4
1.1.3	Voith special pallet	5
1.1.4	Voith special pallet	6
1.1.5	Voith special pallet	7
1.1.6	Voith special pallet	8
1.1.7	Voith special pallet K1	9
1.1.8	Voith special pallet K2	10
1.1.9	Voith special pallet K3	11
1.1.10	Voith special pallet K4	12
1.1.11	Voith special pallet K5	13
1.1.12	Voith flat pallet TB1	14
1.1.13	Voith flat pallet TB2	15
1.2	Europool Pallets	16
1.2.1	Europool flat pallet	16
1.2.2	Europool mesh box Pallet	17
2	Small load carriers	18
2.1	small load carrier 2120	18
2.2	small load carrier 3120	19
2.3	small load carrier 4120	20
2.4	small load carrier 4170	21
2.5	small load carrier 4220	22
2.6	small load carrier 6120	23
2.7	small load carrier 3120 with 2 inserts	24
2.8	small load carrier 3120 with 3 inserts	25
3	Stacking frame	26
3.1	Stacking frame – Europool flat pallet 4 – fold foldable	26
3.2	Stacking frame – Voith industrial pallet 6 – fold foldable	27
3.3	Stacking frame – Voith special pallet 4 fold foldable	28
4	Wave timbers	29
4.1	Wave timber , 1 notches	29
4.2	Wave timber , 1 notch	30
4.3	Wave timber , 3 notches	31
4.4	Wave timber , 4 notches	32
4.5	Wave timber , 6 notches	33
5	Accessories	34
5.1	Stacking corner for stacking frame	34
5.2	Plug – in strips for stacking frame	35
5.3	Intermediate layer – cardboard (solid cardboard)	36
5.4	Intermediate layer – Wood (plywood)	37
5.5	End cover – small load carrier pallet 1200 x 800	38
5.6	End cover – small load carrier pallet 1200 x 1000	39
5.7	Wire – flap bags	40

1 Pallets

1.1 Voith Pallets

1.1.1 Voith mesh box pallet

SAP No.: TCR.09215903

Outer dimensions in mm: 1230 x 1030 x 820

Inner dimensions in mm: 1120 x 920 x 680

Tare weight in kg: 65

Max. carrying capacity in kg: 1,000

Material: Metal



- Parts must not protrude from the box!
- It is vital to use underlays for surface protection!
- Separate several layers of a material by means of an intermediate layer!

1.1.2 Voith industrial pallet

SAP No.: 210.00145700

Outer dimensions in mm:	1200 x 1000 x 130
Tare weight in kg:	37
Max. carrying capacity in kg:	1,000
Material:	Metal



- Parts must not protrude beyond the edge of the pallet!
- It is vital to use underlays for surface protection!
- Stacking of pallets only by means of stacking frame and "stacking corners"! (Max. 3 off)

1.1.3 Voith special pallet

SAP-Nr.: 210.00167600

Outer dimensions in mm: 1400 x 1400 x 220

Tare weight in kg: 65

Max. carrying capacity in kg: 4,000

Material: Wood



- Parts must not protrude beyond the edge of the pallet!

1.1.4 Voith special pallet

SAP-Nr.: 210.00167700

Outer dimensions in mm:	1800 x 1800 x 220
Tare weight in kg:	115
Max. carrying capacity in kg:	10,000
Material:	Wood



- Parts must not protrude beyond the edge of the pallet!

1.1.5 Voith special pallet

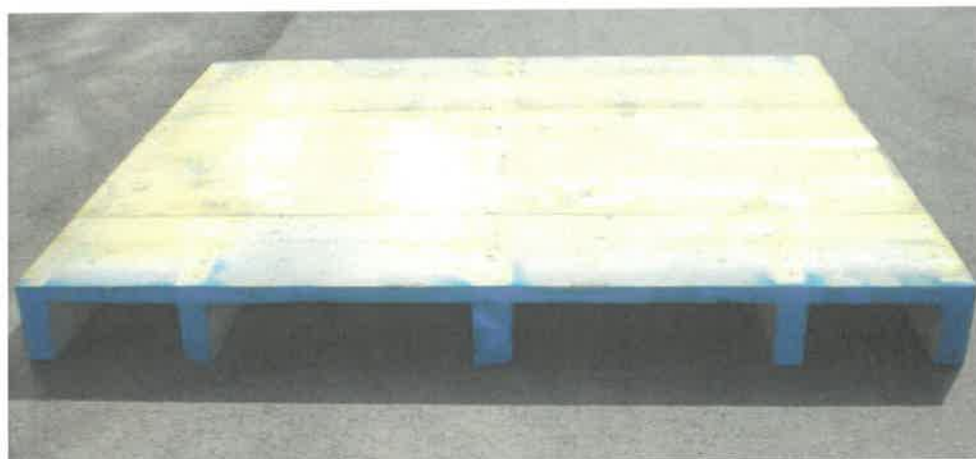
SAP-Nr.: 210.00167800

Outer dimensions in mm: 2100 x 2500 x 220

Tare weight in kg: 175

Max. carrying capacity in kg: 10,000

Material: Wood



- Parts must not protrude beyond the edge of the pallet!

1.1.6 Voith special pallet

SAP-Nr.: 210.00287310

Outer dimensions in mm: 830 x 630 x 130

Tare weight in kg: 10

Max. carrying capacity in kg: 500

Material: Wood



- Parts must not protrude beyond the edge of the pallet!

1.1.7 Voith wave pallet K1

SAP-No.: 190.01659910

Outer dimensions in mm:	1200 x 1200 x 220
Tare weight in kg:	168
Max. carrying capacity in kg:	5,000
Material:	Wood



Parts must not protrude beyond the edge of the pallet!

An anti-slip intermediate layer is required on the prism!

1.1.8 Voith wave pallet K2

SAP No.: 190.01660010

Outer diameter in mm:	2600 x 800
Tare weight in kg:	208
Max. carrying capacity in kg:	10,000
Material:	Wood



Parts must not protrude beyond the edge of the pallet!

An anti-slip intermediate layer is required on the prism!

1.1.9 Voith wave pallet K3

SAP-Nr.:190.01660110

Outer diameter in mm:	1700 x 800
Tare weight in kg:	141
Max. carrying capacity in kg:	5,000
Material:	Wood



Parts must not protrude beyond the edge of the pallet!

An anti-slip intermediate layer is required on the prism!

1.1.10 Voith special pallet K4

SAP No.: 190.01678710

Outer diameter in mm:	2600 x 1400
Tare weight in kg:	395
Max. carrying capacity in kg:	10,000
Material:	Wood



Parts must not protrude beyond the edge of the pallet!

1.1.11 Voith special pallet K5

SAP No.: 190.01799110

Outer diameter in mm:	2100 x 800
Tare weight in kg:	175
Max. carrying capacity in kg:	5000
Material:	Wood



Parts must not protrude beyond the edge of the pallet!

1.1.12 Voith flat pallet TB1

SAP No.: 190.01664510

Outer diameter in mm:	1700 x 800 x 260
Tare weight in kg:	80
Max. carrying capacity in kg:	5,000
Material:	Wood



Parts must not protrude beyond the edge of the pallet!

1.1.13 Voith flat pallet TB2

SAP No.: 190.01664610

Outer diameter in mm:	2600 x 800 x 260
Tare weight in kg:	95
Max. carrying capacity in kg:	10,000
Material:	Wood



Parts must not protrude beyond the edge of the pallet!

1.2 Europool pallets

1.2.1 Europool flat pallet

Europool pallets are exchanged exclusively by the freight forwarder!

SAP No.: TCR.09215950

Outer dimensions in mm:	1200 x 800 x 144
Tare weight in kg:	28
Max carrying capacity in kg:	1,000
Material:	Wood



Parts must not protrude beyond the edge of the pallet!
Stacking of pallets only by means of stacking frame and "stacking corners"! (Max. 3 off)

1.2.2 Europool mesh box pallet

Europool pallets are exchanged exclusively via the freight forwarder!

SAP No.: TCR.09215949

Outer dimensions in mm:	1280 x 835 x 970
Tare weight in kg:	85
Max. carrying capacity in kg:	1,000
Material:	Metal



- Parts must not protrude from the box!
- It is vital to use underlays for surface protection!
- Separate several layers of a material by means of an intermediate layer!

2 Small load carriers

2.1 Small load carrier 2120

SAP No.: 210.00176200

Outer diameters in mm:	198 x 148 x 120
Inner diameters in mm:	159 x 109 x 102
Tare weight in kg:	0.26
Max. filling weight in kg:	15
Material:	Plastic
Shipping unit:	128 off on Europool flat pallet



- Parts must not protrude from the box!
- Do not mix different types of parts! (One material number per small load carrier)

2.2 Small load carrier 3120

SAP No.: 210.00176300

Outer diameters in mm:	297 x 198 x 120
Inner dimensions in mm:	259 x 160 x 102
Tare weight in kg:	0.56
Max. filling weight in kg:	15
Material:	Plastic
Shipping unit:	32 off on Europool flat pallet



- Parts must not protrude from the box!
- Do not mix different types of parts! (One material number per small load carrier)

2.3 Small load carrier 4120

SAP No.: 210.00176400

Outer diameters in mm:	396 x 297 x 120
Inner dimensions in mm:	366 x 267 x 87
Tare weight in kg:	1
Max. filling weight in kg:	15
Material:	Plastic
Shipping unit:	24 off on Europool flat pallet



- Parts must not protrude from the box!
- Do not mix different types of parts! (One material number per small load carrier)

2.4 Small load carrier 4170

SAP No.: 210.00176500

Outer diameters in mm:	396 x 297 x 160
Inner dimensions in mm:	366 x 267 x 134
Tare weight in kg:	1.32
Max. filling weight in kg:	15
Material:	Plastic
Shipping unit:	24 off on Europool flat pallet



- Parts must not protrude from the box!
- Do not mix different types of parts! (One material number per small load carrier)

2.5 Small load carrier 4220

SAP No.: 210.00176600

Outer diameters in mm:	396 x 297 x 220
Inner dimensions in mm:	366 x 267 x 187
Tare weight in kg:	1.56
Max. filling weight in kg:	15
Material:	Plastic
Shipping unit:	24 off on Europool flat pallet



- Parts must not protrude from the box!
- Do not mix different types of parts! (One material number per small load carrier)

2.6 Small load carrier 6120

SAP No.: 210.00176700

Outer diameters in mm:	594 x 396 x 120
Inner dimensions in mm:	564 x 366 x 87
Tare weight in kg:	1.72
Max. filling weight in kg:	15
Material:	Plastic
Shipping unit:	16 off on Europool flat pallet



- Parts must not protrude from the box!
- Do not mix different types of parts! (One material number per small load carrier)

2.7 Small load carrier 3120 with 2 inserts

SAP No.: 210.00333910

Small load carriers

Outer dimensions in mm:	297 x 198 x 120
Inner dimensions in mm:	259 x 160 x 102
Tare weight in kg:	0.56
Max. filling weight in kg:	15
Material:	Plastic
Shipping unit:	32 off on Europool flat pallet

Foam inserts

Number of boreholes:	28 off
Bore diameter:	25 mm
Bore depth:	25 mm
Material:	Foam, black



- Parts must not protrude from the box!
- Do not mix different types of parts! (One material number per small load carrier)
-

2.8 Small load carrier 3120 with 3 inserts

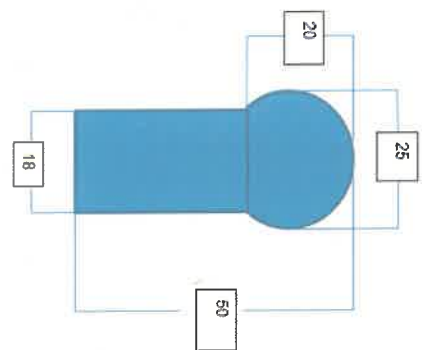
SAP No.: 210.00391310

Small load carriers

Outer dimensions in mm:	297 x 198 x 120
Inner dimensions in mm:	259 x 160 x 102
Tare weight in kg:	0.56
Max. filling weight in kg:	15
Material:	Plastic
Shipping unit:	32 off on Europool flat pallet

Foam inserts

Number of boreholes:	20 off
Bore length:	50 mm
Bore diameter:	25 mm
Bore width:	18 mm
Bore depth:	25 mm
Material:	Foam, black



- Parts must not protrude from the box!
- Do not mix different types of parts! (One material number per small load carrier)

3 Stacking frame

3.1

3.2 Stacking frame - Europool flat pallet 4-fold foldable

SAP No.: TCR.09216112

Outer dimensions in mm:	1200 x 800 x 200
Tare weight in kg:	10
Stacking factor:	3 frames per pallet
Shipping unit:	20 frames per pallet
Material:	Wood



- Separate several layers of a material by means of an intermediate layer!

3.3 Stacking frame - Voith industrial pallet

6-fold foldable

SAP No.: 210.00162900

Outer dimensions in mm:	1200 x 1000 x 200
Tare weight in kg:	10
Stacking factor:	3 frames per pallet
Shipping unit:	20 frames per pallet
Material:	Wood



- Separate several layers of a material by means of an intermediate layer!

3.4 Stacking frame - Voith special pallet 4-fold foldable

SAP No.: 210.00391410

Outer dimensions in mm:	800 x 600 x 200
Tare weight in kg:	10
Stacking factor:	max. 3 frames per pallet
Shipping unit:	20 frames per pallet
Material:	Wood



- Separate several layers of a material by means of an intermediate layer!

4 Wave timbers

4.1 Wave timber, 1 notches

SAP No.: TCR.09215933

Outer diameters in mm:	400 x 120 x 140
For parts with Ø in mm:	up to max. 500
Tare weight in kg:	2.0
Marking/identification:	green
Shipping unit:	40 off on Europool flat pallet



- Do not position any glowing parts on it!
- For machined parts, the wave timbers have to be chip-free!
- If necessary, protect the contact surface accordingly!

4.2 Wave timber, 1 notch

SAP No.: 210.00292510

Outer dimensions in mm:	750 x 240 x 350
For parts with Ø in mm:	up to max. 246 mm
Tare weight in kg:	32.5
Marking/identification:	yellow
Shipping unit:	on Europool flat pallet

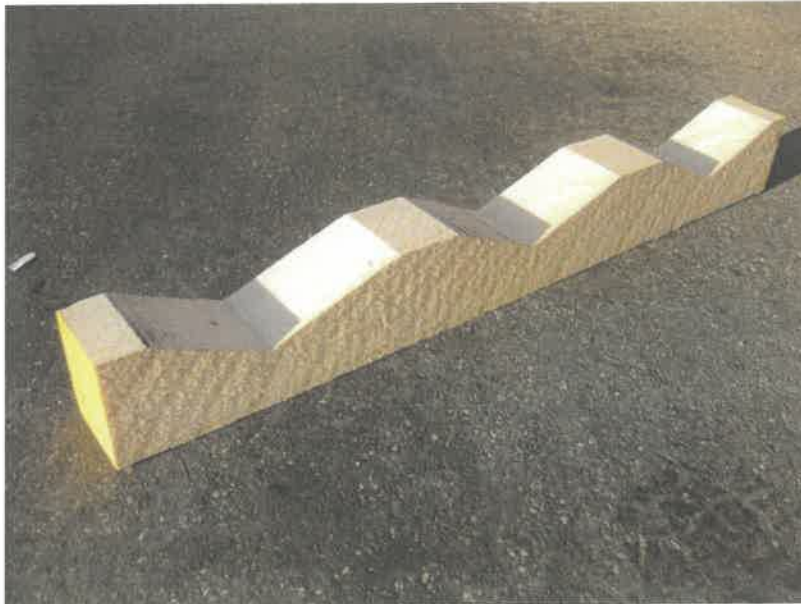


- Do not position any glowing parts on it!
- For machined parts, the wave timbers have to be chip-free!
- If necessary, protect the contact surface accordingly!

4.3 Wave timber, 3 notches

SAP No.: TCR.09215936

Outer diameter in mm:	750 x 100 x 80
For parts with Ø in mm:	up to max. 230
Tare weight in kg:	3.5
Marking/identification:	yellow
Shipping unit:	30 off on Europool flat pallet



- Do not position any glowing parts on it!
- For machined parts, the wave timbers have to be chip-free!
- If necessary, protect the contact surface accordingly!

4.4 Wave timber, 4 notches

SAP No.: TCR.09215930

Outer diameter in mm:	900 x 140 x 160
For parts with Ø in mm:	up to max. 200
Tare weight in kg:	8
Marking/identification:	orange
Shipping unit:	30 off on Europool flat pallet

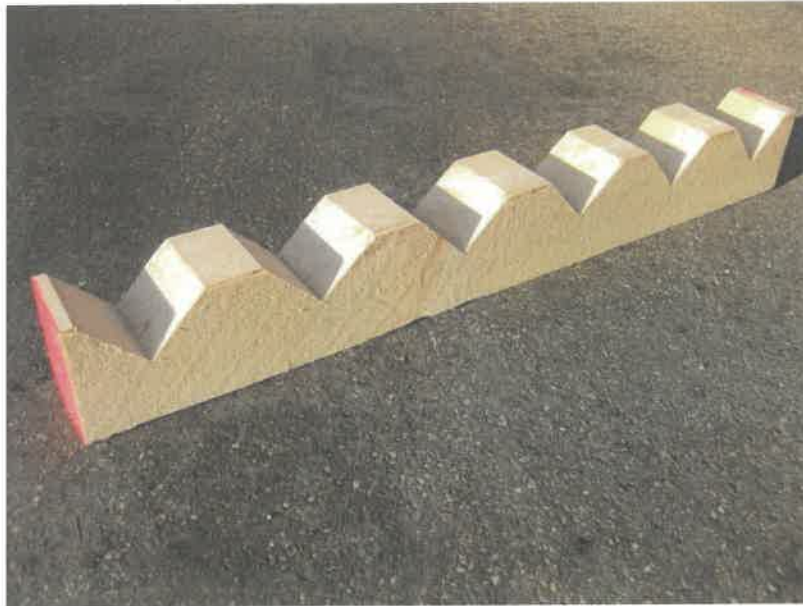


- Do not position any glowing parts on it!
- For machined parts, the wave timbers have to be chip-free!
- If necessary, protect the contact surface accordingly!

4.5 Wave timber, 6 notches

SAP No.: 210.00181400

Outer dimensions in mm:	940 x 100 x 120
For parts with Ø in mm:	up to max. 90
Tare weight in kg:	6.5
Marking/identification:	red
Shipping unit:	30 off on Europool flat pallet



- Do not position any glowing parts on it!
- For machined parts, the wave timbers have to be chip-free!
- If necessary, protect the contact surface accordingly!

5 Accessories

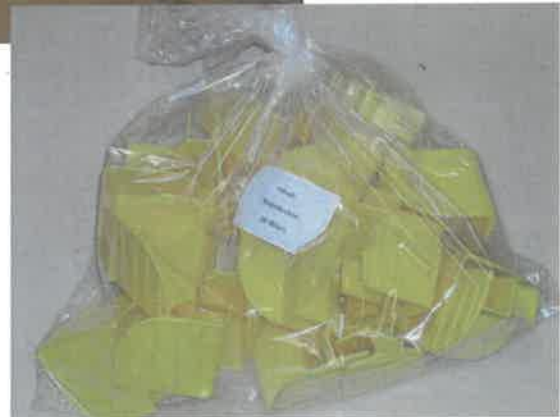
5.1 Stacking corners for stacking frame

SAP No.: 210.00180700

Packung unit: 20 off in bags

Material: Plastic

Design: For 6-fold and Euro frames



- A maximum of 3 pallets can be stacked
- Maximal 1000 kg per container (3 off)
- Stacked pallets have to be lashed!

5.2 Plug-in strips for stacking frame

SAP No.: 210.00090100

210.00090000

210.00588310

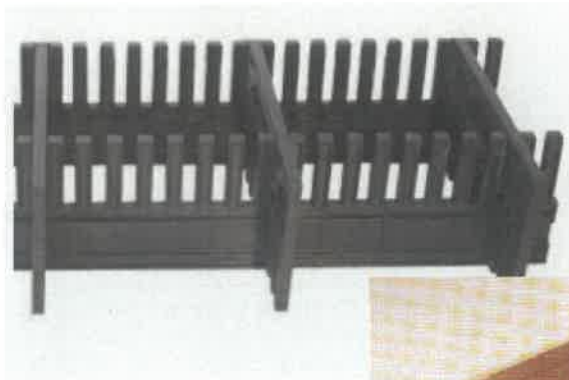
Dimensions: 1150 x 180 x 15

950 x 180 x 15

750 x 180 x 15

Material: Plastic

Use: For Voith und Euro pallets



5.3 Intermediate layer - cardboard (solid cardboard)

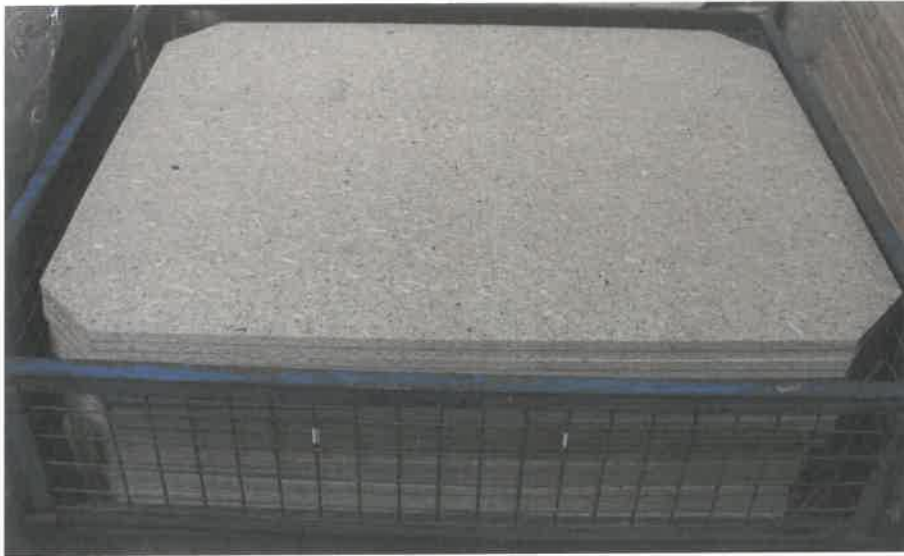
SAP No.	Dimensions in mm	Delivery size
TCR.09215914	700 x 450	640 off
TCR.09216186	1130 x 950	450 off
190.01245610	1150 x 750	500 off



5.4 Intermediate layer - wood (plywood)

SAP No.: 210.00234801

Dimensions:	1130 x 950 x 10
Material:	Plywood
Use:	For Voith und Euro pallets
Shipping unit:	40 off in VC wire box



5.5 End cover - small load carrier

SAP No.: 210.00226500

Outer dimensions in mm: 1208 x 808 x 10

Tare weight in kg: 6.1

Material: Plastic



- Use only as a stable unit.
- Pallets with small load carrier have to be lashed accordingly.

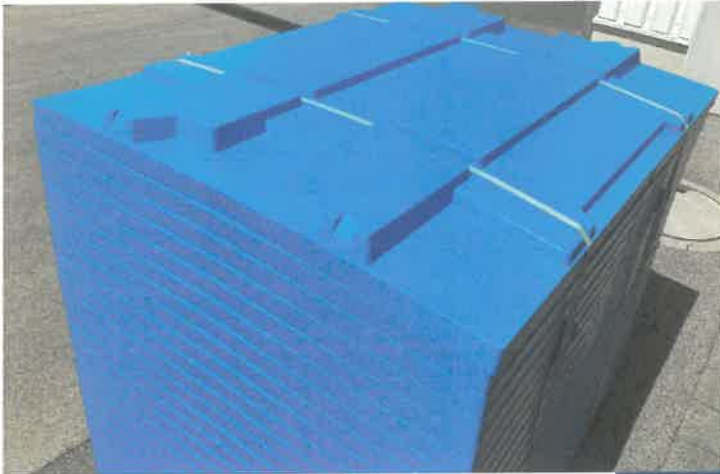
5.6 End cover - small load carrier

SAP No.: 210.00653310

Outer dimensions in mm: 1200 x 1000 x 10

Tare weight in kg: 8.2

Material: Plastic



5.7 Wire-flap bags

SAP No.: 210.00407310

Shipping unit: 100 off per cardboard box (2000 off per pallet)
Dimension: for DIN A4
Design: Transparent, with rain protection flap
Material: Plastic with metal

