PRODUCT DATA SHEET

PICK MAX TRANSPORT ANCHOR

PRODUCT DESCRIPTION

The Pick MAX transport anchor allows for the easy and efficient lifting of wooden parts such as plywood, laminated timber and solid timber. The system developed in Austria impresses with a load cycle of up to 16,000 lifting operations and a payload of up to 2,400 kilograms per fastening point. It only requires a blind hole with a diameter of 50 millimetres and a depth of 140 millimetres to carry out the assembly. As a result, the surface quality remains untouched and no additional fastening screws are required.

The Pick MAX Transport Anchor is supplied as a system case. The System Case contains the following parts

- 2 Pick MAX transport anchors
- 2 shackles
- Drill HMB
- IBG drill bell

Note
- The specifications of the operating instructions included with the product must be observed
- Have the load-handling equipment checked once a year by authorised persons. You can find the details in the enclosed operating instructions.
- Document your inspections in the maintenance book of the operating instructions.
- Feel free to take advantage of the Pick Check offer at any time.
- The Pick MAX Transport Anchor is supplied in a system case as a set for 2 lifting points and the necessary installation material.
- The hole can be used for lifting a maximum of 6 times.
- The lifting anchor can be used a maximum of 16,000 times.

ADVANTAGES / SPECIFICATIONS

- Payloads of up to 2,400 kg per fastening point
- Attached in a few simple steps, no need to align the lifting tackle.
- The visible quality of the surfaces is not affected; no fastening screws are required.
- Long service life: 16,000 load cycles (in accordance with EN 13155:2020)
- Versatile application: on the front side, panel side or on the cross-beam side for all types of beams

PRODUCT TABLE

Pick MAX transport anchor		
Art. no.	Dimension[a] [mm]	PU
110363	300 x 100	1 system case

a) Length x diameter

E.u.r.o.Tec GmbH • Unter dem Hofe 5 • D-58099 Hagen
Tel. +49 2331 62 45-0 • Fax +49 2331 62 45-200 • E-Mail info@eurotec.team

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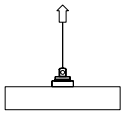
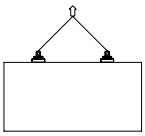
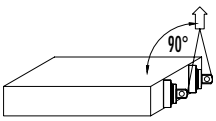
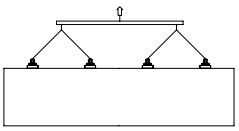
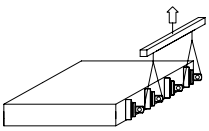
TECHNICAL INFORMATION

ATTENTION:
The reduction factor γM for beam heights must be taken into account, so that the proof for the transverse tension can be omitted for these cross-sections.

γM for beam heights 80 cm–120 cm = 1.1
γM for beam heights 120 cm–180 cm = 1.25
γM for beam heights 180 cm–240 cm = 1.4

Example: Beam height = 100 cm, lifting angle 30° 2-leg → 3397 kg/1.1 = 3088 kg

Load table for beams/top plate C24 and GL24 ≥ 16/16 [min. w x h x l = 16 x 16 x 100]

	= 0°	= 45°	max. = total weight/2		max. = total weight/2
					
Angle	1-leg*	2-leg lifting	2-leg turning	2 x 2-leg with traverse sling and traverse	2 x 2-leg turning with traverse sling and traverse
	[kg total weight]	[kg total weight]	[kg total weight]	[kg total weight]	[kg total weight]
0	2400	4800	2744	not permitted	5488
5	2283	4566		9132	
10	2166	4332		8665	
15	2049	4099		8197	
20	1932	3865		7730	
25	1816	3631		7262	
30	1699	3397		6795	
35	1582	3164		6327	
40	1465	2930		5860	
45	1348	2696		5392	

E.u.r.o.Tec GmbH • Unter dem Hofe 5 • D-58099 Hagen
Tel. +49 2331 62 45-0 • Fax +49 2331 62 45-200 • E-Mail info@eurotec.team

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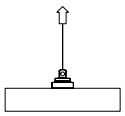
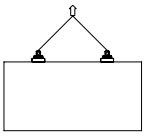
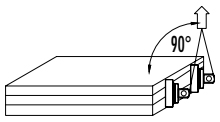
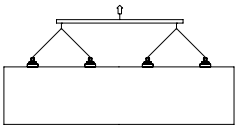
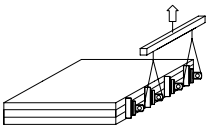
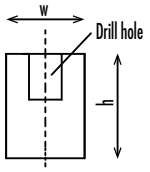
PICK MAX TRANSPORT ANCHOR

Load table for cross-laminated timber 10 cm wall panels 3-L [min. w x h x l = 100 x 100 ≥ 10]					
	= 0°	= 45°	max. = total weight/2		max. = total weight/2
					
Angle	1-leg*	2-leg lifting	2-leg turning	2 x 2-leg with traverse sling and traverse	2 x 2-leg turning with traverse sling and traverse
	[kg total weight]	[kg total weight]	[kg total weight]	[kg total weight]	[kg total weight]
0	not permitted	not permitted	1500	not permitted	3000
5	1272	2545		5089	
10	1220	2439		4879	
15	1167	2334		4668	
20	1114	2229		4457	
25	1062	2123		4247	
30	1009	2018		4036	
35	956	1913		3825	
40	904	1807		3615	
45	851	1702		3404	

*Very highly resinous woods, such as pine and larch or CLT walls where the fastening point is on the front side, may only be lifted at an angle of ≥ 5° to the drill hole axis.
The minimum distance to the top layer's outer surface when mounted on the CLT panel's front side is at least 2.5 cm.
The minimum distance between the fastening points is at least 100 cm.
The minimum distance of the fastening points from the beam or panel edge is at least 50 cm.

Attention: the centre distance of the posts for timber-framed walls must not exceed 62.5 cm.
The operator is responsible for a sufficient transmission of force from the top plate to the post, SIHGA® accepts no liability for this.



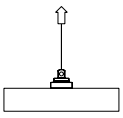
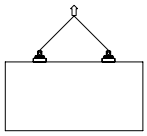
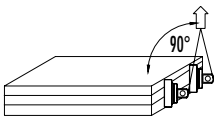
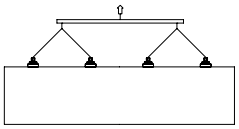
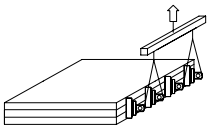
E.u.r.o.Tec GmbH • Unter dem Hofe 5 • D-58099 Hagen
Tel. +49 2331 62 45-0 • Fax +49 2331 62 45-200 • E-Mail info@eurotec.team

PRODUCT DATA SHEET

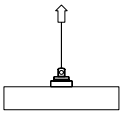
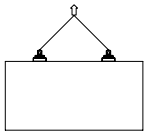
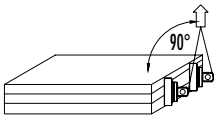
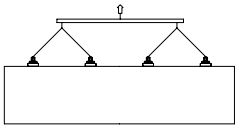
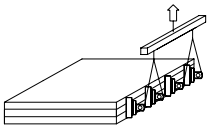
PICK MAX TRANSPORT ANCHOR

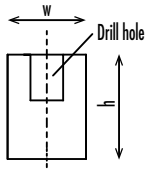
LOAD SPECIFICATIONS TRAVERSE SLING

Load table for cross-laminated timber 12 cm wall panels 3-L [min. w x h x l = 100 x 100 ≥ 12]

	= 0°	= 45°	max. = total weight/2		max. = total weight/2
					
Angle	1-leg*	2-leg lifting	2-leg turning	2 x 2-leg with traverse sling and traverse	2 x 2-leg turning with traverse sling and traverse
	[kg total weight]	[kg total weight]	[kg total weight]	[kg total weight]	[kg total weight]
0	not permitted	not permitted	1700	not permitted	3400
5	1467	2935		5869	
10	1399	2797		5595	
15	1330	2660		5320	
20	1261	2523		5045	
25	1193	2385		4771	
30	1124	2248		4496	
35	1055	2111		4221	
40	987	1973		3947	
45	918	1836		3672	

Load table for cross-laminated timber 10 cm wall panels 3-L [min. w x h x l = 100 x 100 ≥ 10]

	= 0°	= 45°	max. = total weight/2		max. = total weight/2
					
Angle	1-leg*	2-leg lifting	2-leg turning	2 x 2-leg with traverse sling and traverse	2 x 2-leg turning with traverse sling and traverse
	[kg total weight]	[kg total weight]	[kg total weight]	[kg total weight]	[kg total weight]
0	not permitted	not permitted	1765	not permitted	3530
5	2226	4451		8902	
10	2051	4102		8204	
15	1877	3753		7507	
20	1702	3404		6809	
25	1528	3056		6111	
30	1353	2707		5413	
35	1179	2358		4716	
40	1004	2009		4018	
45	830	1660		3320	



*Very highly resinous woods, such as pine and larch or CLT walls where the fastening point is on the front side, may only be lifted at an angle of ≥ 5° to the drill hole axis.
The minimum distance to the top layer's outer surface when mounted on the CLT panel's front side is at least 2.5 cm.
The minimum distance between the fastening points is at least 100 cm.
The minimum distance of the fastening points from the beam or panel edge is at least 50 cm.

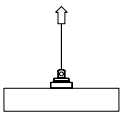
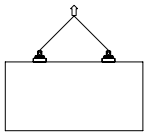
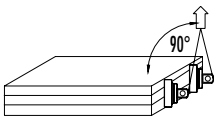
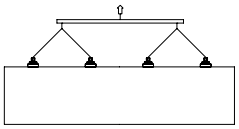
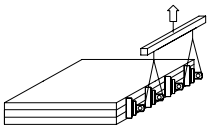
E.u.r.o.Tec GmbH • Unter dem Hofe 5 • D-58099 Hagen
Tel. +49 2331 62 45-0 • Fax +49 2331 62 45-200 • E-Mail info@eurotec.team

PRODUCT DATA SHEET

PICK MAX TRANSPORT ANCHOR

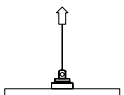
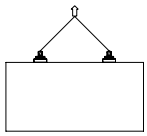
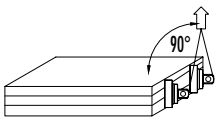
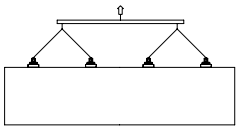
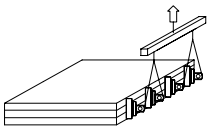
LOAD SPECIFICATIONS TRAVERSE SLING

Load table for cross-laminated timber 12 cm wall panels 5-L [min. w x h x l = 100 x 100 ≥ 12]

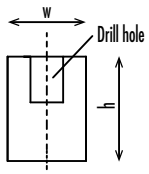
	= 0°	= 45°	max. = total weight/2		max. = total weight/2
					

Angle	1-leg*	2-leg lifting	2-leg turning	2 x 2-leg with traverse sling and traverse	2 x 2-leg turning with traverse sling and traverse
	[kg total weight]	[kg total weight]	[kg total weight]	[kg total weight]	[kg total weight]
0	not permitted	not permitted	1765	not permitted	3530
5	1862	3725		7449	
10	1752	3503		7007	
15	1641	3282		6564	
20	1530	3061		6121	
25	1420	2839		5679	
30	1309	2618		5236	
35	1198	2397		4793	
40	1088	2175		4351	
45	977	1954		3908	

Load table for cross-laminated timber 16 cm wall panels 5-L [min. w x h x l = 100 x 100 ≥ 16]

	= 0°	= 45°	max. = total weight/2		max. = total weight/2
					

Angle	1-leg*	2-leg lifting	2-leg turning	2 x 2-leg with traverse sling and traverse	2 x 2-leg turning with traverse sling and traverse
	[kg total weight]	[kg total weight]	[kg total weight]	[kg total weight]	[kg total weight]
0	not permitted	not permitted	1900	not permitted	3800
5	1962	3924		7848	
10	1827	3654		7307	
15	1692	3383		6767	
20	1557	3113		6226	
25	1421	2843		5686	
30	1286	2573		5145	
35	1151	2302		4605	
40	1016	2032		4064	
45	881	1762		3524	



*Very highly resinous woods, such as pine and larch or CLT walls where the fastening point is on the front side, may only be lifted at an angle of ≥ 5° to the drill hole axis.
The minimum distance to the top layer's outer surface when mounted on the CLT panel's front side is at least 2.5 cm.
The minimum distance between the fastening points is at least 100 cm.
The minimum distance of the fastening points from the beam or panel edge is at least 50 cm.

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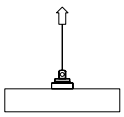
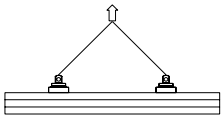
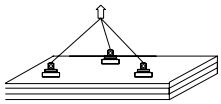
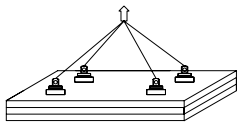
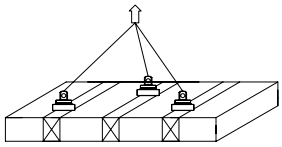
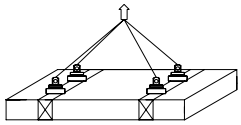
PRODUCT DATA SHEET

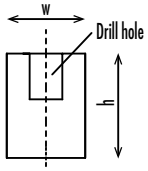
PICK MAX TRANSPORT ANCHOR

LOAD DATA ROCKER

Load table for cross-laminated timber 16 cm wall panels min. 5-L [min. w x h x l = 100 x 100 ≥ 16]				
	= 0°	= 45°		
				
Angle	1-leg*	2-leg lifting	3-leg	4-leg (only with rocker)
	[kg total weight]	[kg total weight]	[kg total weight]	[kg total weight]
0	not permitted	not permitted	not permitted	not permitted
5	1979	3957	5936	7914
10	1853	3706	5559	7412
15	1728	3455	5183	6911
20	1602	3204	4807	6409
25	1477	2954	4430	5907
30	1351	2703	4054	5405
35	1226	2452	3678	4904
40	1100	2201	3301	4402
45	975	1950	2925	3900

Load table for timbered ceiling ≥ 16/16 C24 and GL24 [min. w x h x l = 16 x 16 x 100]				
				
Angle°	1-leg*	2-leg	3-leg	4-leg (only with rocker)
			[kg total weight]	[kg total weight]
0	not permitted	not permitted	7200	9600
5			6615	8820
10			6030	8040
15			5445	7260
20			4860	6480
25			4275	5700
30			3690	4920
35			3105	4140
40			2520	3360
45			1935	2580

pine and larch or CLT walls where the fastening point is on the front side, may only be lifted at an angle of ≥ 5° to the drill hole axis.
The minimum distance to the top layer's outer surface when mounted on the CLT panel's front side is at least 2.5 cm. The minimum distance between the fastening points is at least 100 cm.
The minimum distance of the fastening points from the beam or panel edge is at least 50 cm.



If you are not familiar with how this product is used, and particularly with the product's intended use, please contact our Application Technology department (Technik@eurotec.team).

E.u.r.o.Tec GmbH • Unter dem Hofe 5 • D-58099 Hagen
Tel. +49 2331 62 45-0 • Fax +49 2331 62 45-200 • E-Mail info@eurotec.team