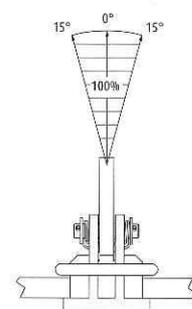
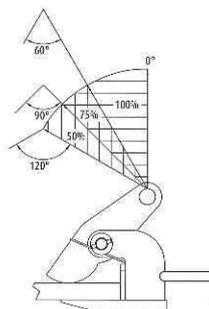


HORIZONTAL TRANSPORT OF PLATES **IPH10**

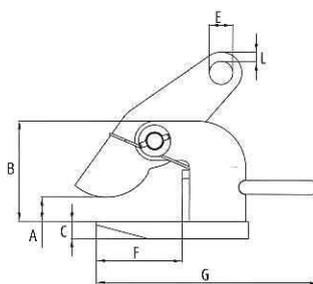
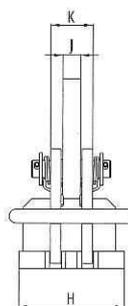


FOR HORIZONTAL LIFTING AND TRANSFER - WITH MAGNETS, TORSION SPRING AND HANDLE

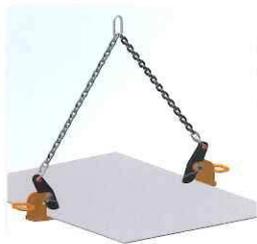
- Available in capacities of 0,5 thru 12 metric tonnes (Higher WLL and jaw openings are available upon request).
- Wide variety of jaw openings available: 0 to 120mm | 0" - 4.75".
- Welded alloy steel body for strength and smaller size. Forged alloy components, where required.
- Individually Proof Tested to 2 times the Working Load Limit with certification.
- Company name (CrosbyIP), logo, Working Load Limit and jaw opening permanently stamped on body.
- Each product is individually serialized, with the serial number and Proof Load test date stamped on body. Serial number is included on the test certificate
- With maintenance and replacement warranty logbook.
- Manufactured by a ISO 9001 facility.
- All sizes are RFID EQUIPPED.



IPH10 with spring



Dimensions in mm



The IPH10 clamps are suitable for the lifting and transfer in horizontal position of non-sagging steel plates. The most important addition is the use of magnets which ensure the clamps remain in the proper position on the plate. The clamp is also equipped with a handle and torsion spring that combines to make the placing of the clamp onto the plate quick and easy.

These clamps must be used in pairs or more.

Model	Stock No.	WLL Per Pair (t)*	Weight Per Pair (kg.)	Jaw A	B	C	E	F	G	H	J	K	L
† 0,5 IPH10	2703297	0,5	3,6	0-20	86	12	16	103	150	60	12	27	4
† 1 IPH10	2703298	1,0	5,0	0-35	100	16	16	103	150	60	12	31	7

† No magnets and handle

Model	Stock No.	WLL Per Pair (t)*	Weight Per Pair (kg.)	Jaw A	B	C	E	F	G	H	J	K	L
2 IPH10	2703522	2,0	11,0	0-60	117	16	22	109	256	110	20	40	9
3 IPH10	2703523	3,0	15,0	0-60	117	20	26	109	266	120	20	48	11
4,5 IPH10	2703524	4,5	21,0	0-60	132	25	30	104	280	130	20	48	12
6 IPH10	2703525	6,0	26,0	0-60	143	25	36	123	320	130	20	48	14
9 IPH10	2703526	9,0	37,0	0-60	157	30	43	133	330	140	25	62	16
12 IPH10	2703527	12,0	43,0	0-60	172	30	47	141	353	150	25	62	17

Model	Stock No.	WLL Per Pair (t)*	Weight Per Pair (kg.)	Jaw A	B	C	E	F	G	H	J	K	L
3 IPH10J	2703533	3,0	18,0	60-120	177	20	26	109	266	120	20	48	9
4,5 IPH10J	2703534	4,5	24,0	60-120	192	25	30	104	280	130	20	48	11
6 IPH10J	2703535	6,0	30,0	60-120	203	25	36	123	320	130	20	48	12
9 IPH10J	2703536	9,0	41,0	60-120	217	30	43	133	330	140	25	62	14
12 IPH10J	2703537	12,0	48,0	60-120	232	30	47	141	353	150	25	62	16

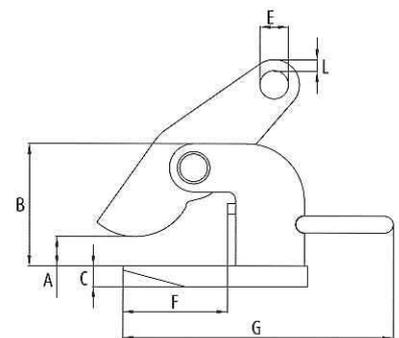
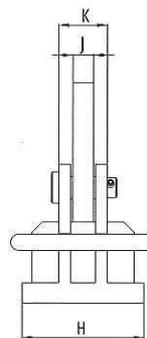
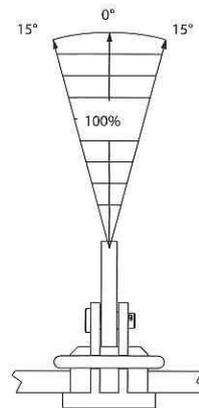
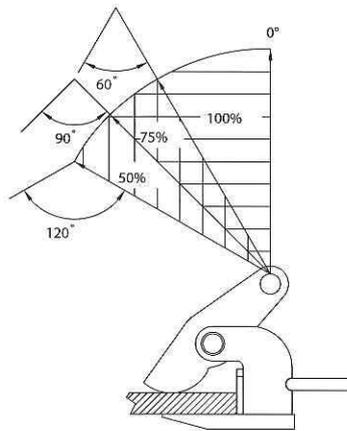
* Design Factor based on EN 13155, and ASME B30.20.

IPH10E HORIZONTAL TRANSPORT OF PLATES



FOR HORIZONTAL LIFTING AND TRANSFER, WITH HANDLE

- Available in capacities of 0,5 thru 12 metric tonnes (Higher WLL and jaw openings are available upon request).
- Wide variety of jaw openings available: 0 to 120mm | 0" - 4.75".
- Welded alloy steel body for strength and smaller size. Forged alloy components, where required.
- Individually Proof Tested to 2 times the Working Load Limit with certification.
- Company name (CrosbyIP), logo, Working Load Limit and jaw opening permanently stamped on body.
- Each product is individually serialized, with the serial number and Proof Load test date stamped on body. Serial number is included on the test certificate.
- With maintenance and warranty logbook.
- Maintenance replacement parts are available.
- Manufactured by a ISO 9001 facility.
- All sizes are RFID EQUIPPED.

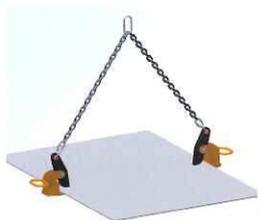


Dimensions in mm

Model	Stock No.	WLL Per Pair (t)*	Weight Per Pair (kg.)	Jaw A	B	C	E	F	G	H	J	K	L
2 IPH10E	2703542	2,0	11,0	0-60	117	16	22	109	256	110	20	40	9
3 IPH10E	2703543	3,0	15,0	0-60	117	20	26	109	266	120	20	48	11
4,5 IPH10E	2703544	4,5	21,0	0-60	132	25	30	104	280	130	20	48	12
6 IPH10E	2703545	6,0	26,0	0-60	143	25	36	123	320	130	20	48	14
9 IPH10E	2703546	9,0	37,0	0-60	157	30	43	133	330	140	25	62	16
12 IPH10E	2703547	12,0	43,0	0-60	172	30	47	141	353	150	25	62	17

3 IPH10JE	2703553	3,0	18,0	60-120	177	20	26	109	266	120	20	48	11
4,5 IPH10JE	2703554	4,5	24,0	60-120	192	25	30	104	280	130	20	48	12
6 IPH10JE	2703555	6,0	30,0	60-120	203	25	36	123	320	130	20	48	14
9 IPH10JE	2703556	9,0	41,0	60-120	217	30	43	133	330	140	25	62	16
12 IPH10JE	2703557	12,0	48,0	60-120	232	30	47	141	353	150	25	62	17

* Design Factor based on EN 13155, and ASME B30.20.



The IPH10E clamps are suitable for the lifting and transfer in horizontal position of non-sagging steel plates. The clamp is equipped with a handle for simple and easy placement onto the plate.

These clamps must be used in pairs or more.

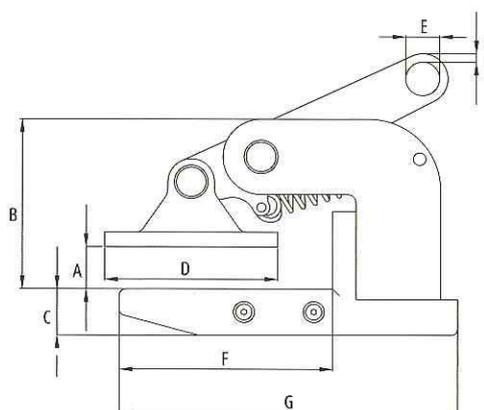
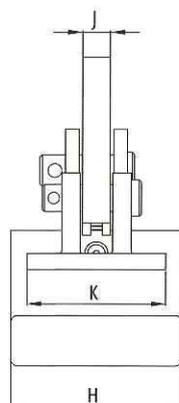
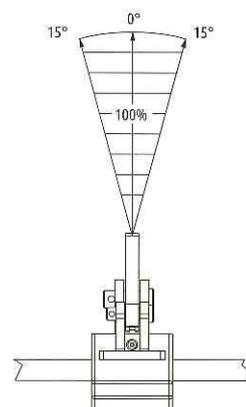
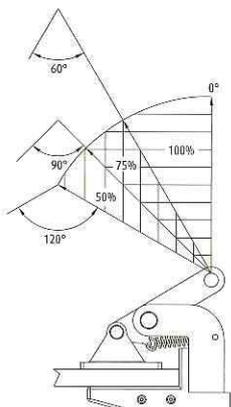
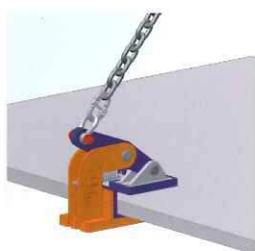
HORIZONTAL TRANSPORT OF PLATES **IPHNM10**



NON MARRING



- Available in capacities of 0,5 thru 2 metric tonnes.
- Jaw openings available: 0 to 60mm | 0" - 2.38".
- Welded alloy steel body for strength and smaller size. Forged alloy components, where required.
- Individually Proof Tested to 2 times the Working Load Limit with certification.
- Company name (CrosbyIP), logo, Working Load Limit and jaw opening permanently stamped on body.
- Each product is individually serialized, with the serial number and Proof Load test date stamped on body. Serial number is included on the test certificate with maintenance and warranty logbook.
- Maintenance replacement parts are available.
- Manufactured by a ISO 9001 facility.
- All sizes are RFID EQUIPPED.



The IPHNM10 horizontal lifting clamps have a pretension feature that allows the user to attach the clamps to the material for horizontal lifting and transfer of non-sagging material. To be used where material surface must not be damaged. This also applies for materials with a very smooth surface, composites and coated plates or plates with a very hard surface.

These clamps must be used in pairs or more.

Dimensions in mm

Model	Stock No.	WLL Per Pair (t)*	Weight Per Pair (kg.)	Jaw A	B	C	D	E	F	G	H	J	K	L
0,5 IPHNM10	2703287	0,5	4,0	0-20	81	22	82	16	101	160	74	12	60	4
1 IPHNM10	2703288	1,0	7,0	0-35	93	30	92	16	103	164	74	12	60	7
2 IPHNM10	2703290	2,0	15,0	0-40	139	30	131	22	166	245	100	20	74	9
2 IPHNM10J	2703291	2,0	16,0	30-60	169	30	131	22	166	245	100	20	74	9

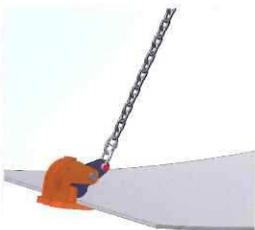
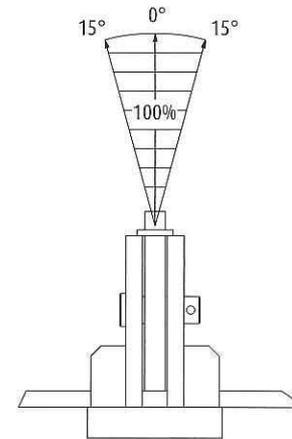
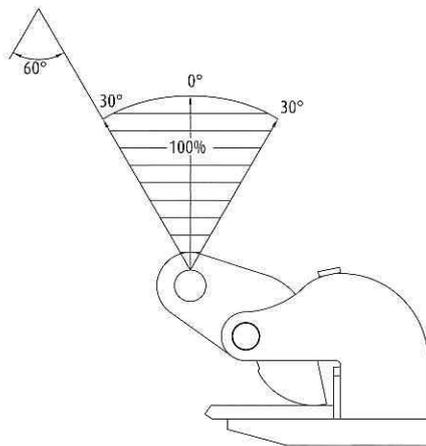
* Design Factor based on EN 13155, and ASME B30.20.

IPHOZ HORIZONTAL TRANSPORT OF PLATES



FOR HORIZONTAL LIFTING OF SAGGING MATERIAL

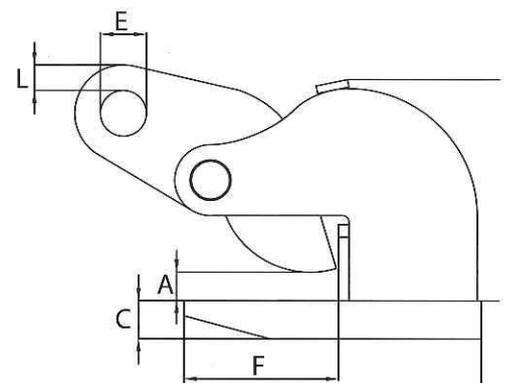
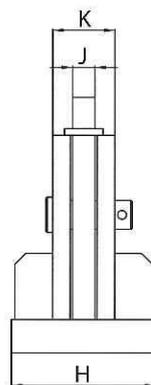
- Available in capacities of 0,75 thru 15 metric tonnes.
- Wide variety of jaw openings available: 0 to 60mm | 0" - 2.38".
- Welded alloy steel body for strength and smaller size. Forged alloy components, where required.
- Individually Proof Tested to 2 times the Working Load Limit with certification.
- Company name (CrosbyIP), logo, Working Load Limit and jaw opening permanently stamped on body.
- Each product is individually serialized, with the serial number and Proof Load test date stamped on body. Serial number is included on the test certificate with maintenance and warranty logbook.
- Maintenance replacement parts are available.
- Manufactured by a ISO 9001 facility.
- All sizes are RFID EQUIPPED.



The IPHOZ horizontal lifting clamp is to be used for lifting and transferring, in the horizontal position, of thin sheet and other materials that will sag or bend when lifted.

The maximum top-angle is 60° when using IPHOZ clamps. The IPHOZ lifting clamps can also be applied in combination with long chains or two leg slings.

These clamps must be used in pairs or more.



Dimensions in mm

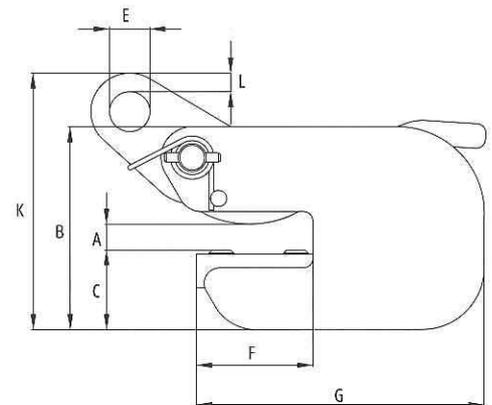
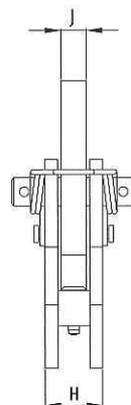
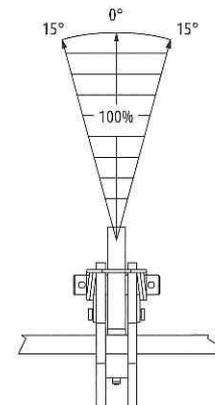
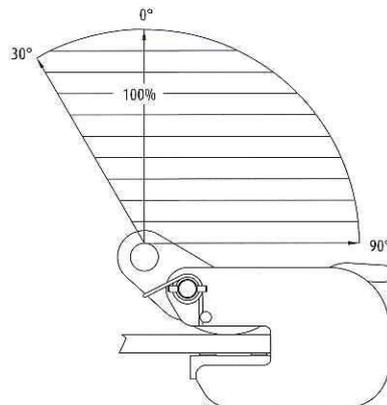
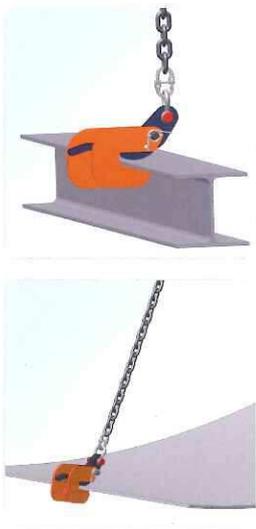
Model	Stock No.	WLL Per Pair (t)*	Weight Per Pair (kg.)	Jaw A	B	C	E	F	G	H	J	K	L
0,75 IPHOZ	2705401	0,75	6,0	0-30	94	16	16	70	118	81	12	31	12
1,5 IPHOZ	2705402	1,5	11,0	0-45	133	16	22	125	192	100	16	36	12
3 IPHOZ	2705403	3,0	16,0	0-45	137	20	26	125	200	120	20	48	10
4,5 IPHOZ	2705404	4,5	17,0	0-45	138	25	30	126	220	120	20	50	10
6 IPHOZ	2705405	6,0	31,0	0-60	171	30	36	135	235	130	20	56	20
9 IPHOZ	2705406	9,0	41,0	0-60	211	30	43	166	276	160	25	62	20
12 IPHOZ	2705407	12,0	76,0	0-60	217	40	47	168	294	190	25	62	19
15 IPHOZ	2705408	15,0	76,0	0-60	220	40	47	183	317	250	25	62	22

* Design Factor based on EN 13155, and ASME B30.20.

FOR HORIZONTAL TRANSFER – WITH PRETENSION



- Available in capacities of 1 thru 3 metric tonnes. (Higher WLL and jaw openings are available upon request).
- Jaw openings available: 0 to 25mm | 0" - 1".
- Welded alloy steel body for strength and smaller size. Forged alloy components, where required.
- Individually Proof Tested to 2 times the Working Load Limit with certification.
- Company name (CrosbyIP), logo, Working Load Limit and jaw opening permanently stamped on body.
- Each product is individually serialized, with the serial number and Proof Load test date stamped on body. Serial number is included on the test certificate with maintenance and warranty logbook.
- Maintenance replacement kits are available.
- Manufactured by a ISO 9001 facility.
- All sizes are RFID EQUIPPED.



The IPBC horizontal lifting clamps have a pretension feature that allows the user to attach the clamps to the material for horizontal lifting and transfer of sagging and non-sagging material.

These clamps may also be used to handle material that will be used in shears, bending and rolling machines or other fabrication equipment.

May also be used for turning beams from the "H" into the "I" position.

Dimensions in mm

Model	Stock No.	WLL Each (t)*	Weight Each (kg.)	Jaw A	B	C	E	F	G	H	J	K	L
1 IPBC	2700410	1,0	3,5	0 - 20	132	52	26	75	185	36	16	182	12
2 IPBC	2700411	2,0	6,5	0 - 25	152	62	30	82	210	49	20	218	15
3 IPBC	2700412	3,0	8,5	0 - 25	157	66	30	82	210	57	20	225	15

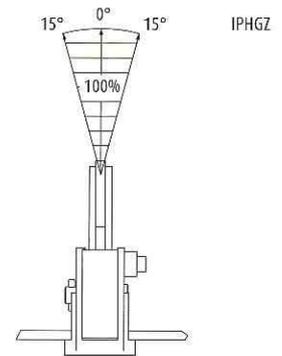
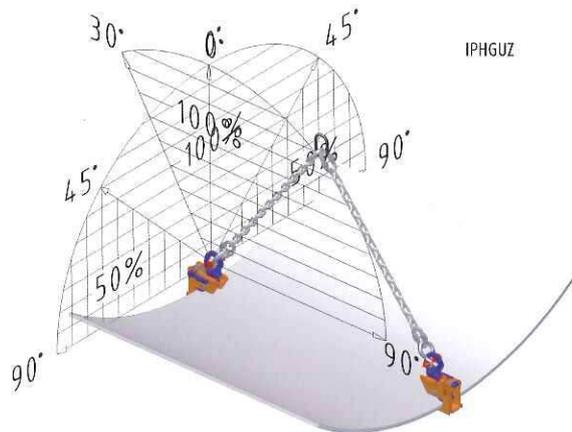
* Design Factor based on EN 13155, and ASME B30.20.

IPHGUZ - IPHGZ HORIZONTAL TRANSPORT OF PLATES



FOR HORIZONTAL TRANSFER – WITH LOCKING DEVICE

- Available in capacities of 0,75 thru 4,5 metric tonnes (Higher WLL and jaw openings are available upon request).
- Jaw openings available: 0 to 40mm | 0" - 1.56".
- Welded alloy steel body for strength and smaller size. Forged alloy components, where required.
- Individually Proof Tested to 2 times the Working Load Limit with certification.
- Company name (CrosbyIP), logo, Working Load Limit and jaw opening permanently stamped on body.
- Each product is individually serialized, with the serial number and Proof Load test date stamped on body. Serial number is included on the test certificate with maintenance and warranty logbook.
- Maintenance replacement parts are available.
- Manufactured by a ISO 9001 facility.
- All sizes are RFID EQUIPPED.



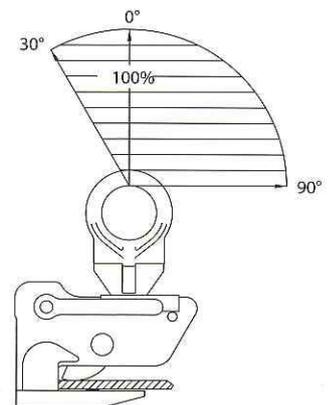
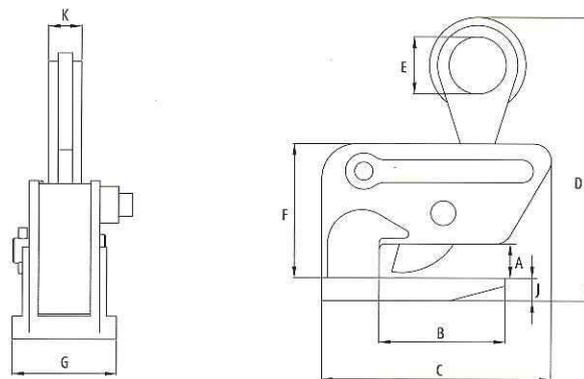
The IPHGZ, IPHGUZ horizontal lifting clamps have a pretension locking feature that allows the user to attach the clamps to the material for horizontal lifting and transfer of sagging and non-sagging material.

These clamps may also be used to handle material that will be used in shears, bending and rolling machines or other fabrication equipment.

May also be used to move and lift structural shapes such as I-Beams, H-beams etc.

Available in two versions:

- Model IPHGUZ: fitted with a hinged lifting eye.
- Model IPHGZ: fitted with a fixed lifting eye.



Dimensions in mm

Model	Stock No.	WLL Each (t)*	Weight Each (kg.)	Jaw A	B	C	D	E	F	G	J	K
0,75 IPHGZ	2705451	0,75	4,0	0-25	82	148	206	50	99	98	12	22
1,5 IPHGZ	2705452	1,5	7,3	0-25	110	200	250	50	118	90	20	28
3 IPHGZ	2705453	3,0	12,3	0-40	120	227	305	70	148	120	25	32
4,5 IPHGZ	2705454	4,5	25,0	0-40	120	284	381	70	181	155	30	40

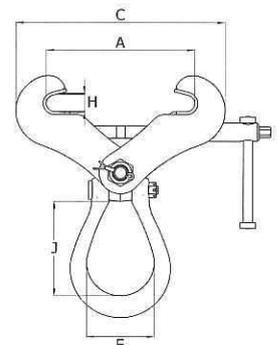
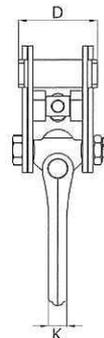
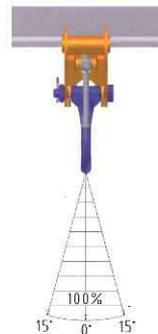
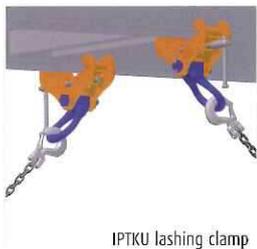
1,5 IPHGUZ	2705455	1,5	9,0	0-25	110	232	287	70	139	90	20	16
3 IPHGUZ	2705456	3,0	19,9	0-40	119	253	348	75	175	120	25	20
4,5 IPHGUZ	2705457	4,5	30,0	0-40	119	301	370	80	175	155	30	44

* Design Factor based on EN 13155, and ASME B30.20.



UNIVERSAL BEAM CLAMP

- Available in capacities of 2 thru 10 metric tonnes.
- Wide variety of jaw openings available: 75 to 460mm | 3" - 18".
- Welded alloy steel body for strength and smaller size. Forged alloy components, where required.
- Individually Proof Tested to 2 times the Working Load Limit with certification.
- Company name (CrosbyIP), logo, Working Load Limit and jaw opening permanently stamped on body.
- Each product is individually serialized, with the serial number and Proof Load test date stamped on body. Serial number is included on the test certificate with maintenance and warranty logbook.
- Maintenance replacement parts are available.
- Manufactured by a ISO 9001 facility.
- All sizes are RFID EQUIPPED.



The IPTKU beam clamp is not your standard beam clamp. It is the new standard. Equipped with a hinged hoisting eye that increases the loading angles and available with an additional double locking device (IPTKUD).

Suitable for use as a temporary tackle eye for a beam, lifting clamp and as a lashing clamp.

Can also be delivered with a 3.1 certificate.

Also available: model IPTK, IPTKW. Optional: special offshore version, model IPTKO (including 3.1 certificate).

*100% WLL at 45° cross loading can be achieved, provided that special demands regarding flange thickness and fixation are met. Please consult CrosbyIP Engineering Department.

Dimensions in mm

Model	Stock No.	WLL Each (t) ^o	Weight Each (kg.)	A	C	D	E	H	J	K
2 IPTKU	2707996	2,0	5,8	75-190	A+100	121	76	22	99	19
3 IPTKU	2707997	3,0	6,5	75-190	A+100	121	89	22	122	22
4 IPTKU	2707998	4,0	9,9	120-280	A+150	140	89	40	122	22
5 IPTKU	2707994	5,0	12,0	120-350	A+175	140	89	40	122	22
10 IPTKU	2707970	10,0	38,0	200-460	A+300	200	105	60	152	26

With option: Double locking device										
Model	Stock No.	WLL Each (t) ^o	Weight Each (kg.)	A	C	D	E	H	J	K
2 IPTKUD	2709996	2,0	5,8	75-190	A+100	165	89	22	99	19
3 IPTKUD	2709993	3,0	6,5	75-190	A+100	165	89	22	122	22
4 IPTKUD	2709995	4,0	9,9	120-280	A+150	185	89	40	122	22
5 IPTKUD	2709994	5,0	12,0	120-350	A+175	185	89	40	122	22
10 IPTKUD	2709970	10,0	38,0	200-460	A+300	250	105	60	152	26

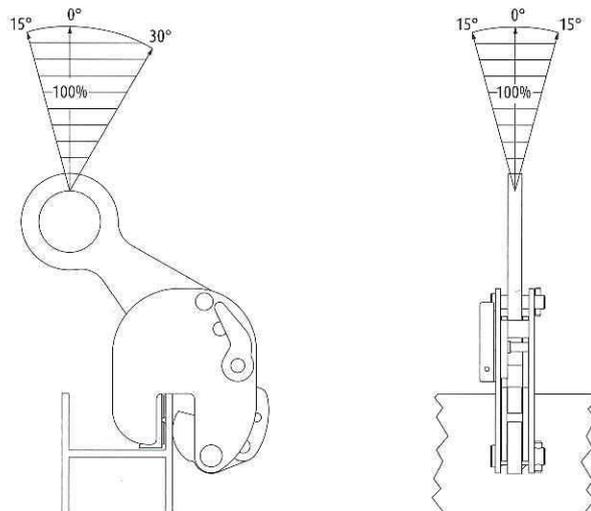
* Design Factor based on EN 13155, and ASME B30.20.

IPBKZ HORIZONTAL TRANSPORT OF BEAMS

FOR THE TRANSFER AND STACKING OF STEEL BEAMS



- Available in capacities of 0,75 thru 3,75 metric tonnes (Higher WLL and jaw openings are available upon request).
- Wide variety of jaw openings available: 5 to 28mm | .19" - 1.13".
- Welded alloy steel body for strength and smaller size. Forged alloy components, where required.
- Individually Proof Tested to 2 times the Working Load Limit with certification.
- Company name (CrosbyIP), logo, Working Load Limit and jaw opening permanently stamped on body.
- Each product is individually serialized, with the serial number and Proof Load test date stamped on body. Serial number is included on the test certificate with maintenance and warranty logbook.
- Optional IP-5000 Stinger assembly available (see page 10). Allows for easy connection between the clamp and hoist hook.
- Maintenance replacement kits are available.
- Manufactured by a ISO 9001 facility.
- All sizes are RFID EQUIPPED.

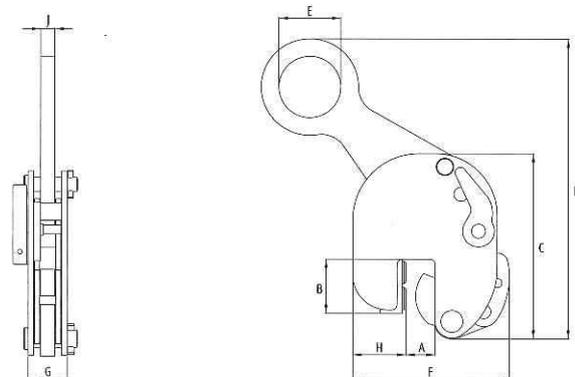


The IPBKZ beam clamp is used for lifting, transfer and stacking of H-Beams. An over-center hoist eye allows for the beam flange to remain vertical. This series of clamps can be used in the vertical and horizontal moving, transfer and stacking of different types of structural designs, such as I-Beams, angles, etc, depending on the application desired.

Minimal width of the flange with a jaw opening of

- 5 - 15mm: width 60mm
- 5 - 25mm: width 75mm
- 5 - 28mm: width 120mm

Minimum WLL of 10% of Maximum WLL.



Dimensions in mm

Model	Stock No.	WLL Each (t)*	Weight Each (kg.)	Jaw A	B	C	D	E	F	G	H	J
0,75 IPBKZ	2705780	0,75	3,5	5-15	43	132	192	45	113	47	38	10
1,5 IPBKZ	2705781	1,5	7,0	5-25	62	210	300	70	163	61	50	16
3,75 IPBKZ	2705782	3,75	15,5	5-28	75	260	415	100	202	78	52	20

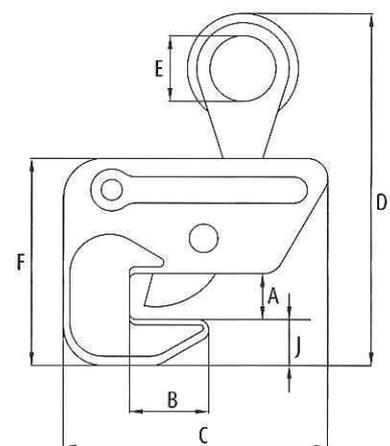
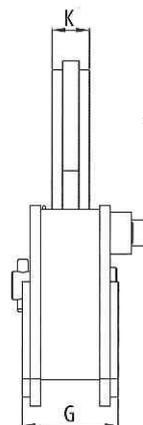
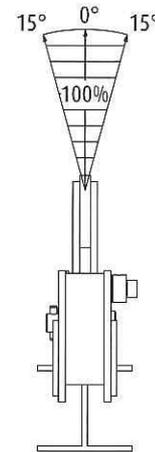
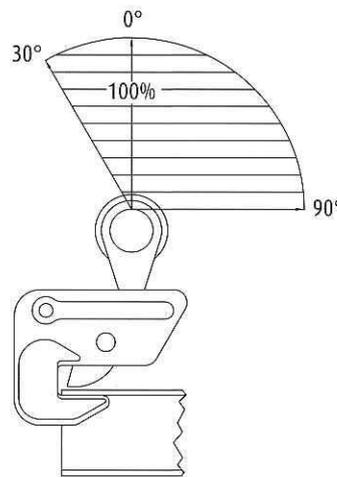
* Design Factor based on EN 13155, and ASME B30.20.

HORIZONTAL TRANSPORT OF BEAMS **IPBHZ**

FOR THE LIFTING AND TRANSFER OF STEEL BEAMS



- Available in capacities of 0,75 thru 4,5 metric tonnes (Higher WLL and jaw openings are available upon request).
- Wide variety of jaw openings available: 0 to 40mm | 0" - 1.57".
- Welded alloy steel body for strength and smaller size. Forged alloy components, where required.
- Individually Proof Tested to 2 times the Working Load Limit with certification.
- Company name (CrosbyIP), logo, Working Load Limit and jaw opening permanently stamped on body.
- Each product is individually serialized, with the serial number and Proof Load test date stamped on body. Serial number is included on the test certificate with maintenance and warranty logbook.
- Maintenance replacement parts are available.
- Manufactured by a ISO 9001 facility.
- All sizes are RFID EQUIPPED.



Dimensions in mm

The IPBHZ beam clamp is used for horizontal lifting and transfer of steel beams. The base is slotted to allow the clamps to be used from end of beams as well as from the flange. This series of clamps can be used in the vertical and horizontal moving, transfer and stacking of different types of structural designs, such as I-Beams, H-beams, angles, etc., depending on the application desired.

Also available: the special **IPBHX**, with enforced frame for handling large pipe sections.

Model	Stock No.	WLL Each (t)	Weight Each (kg.)	Jaw A	B	C	D	E	F	G	J	K
0,75 IPBHZ	2705461	0,75	3,0	0-25	40	148	220	50	130	69	33	22
1,5 IPBHZ	2705462	1,5	6,0	0-25	60	200	255	50	153	73	35	28
3 IPBHZ	2705463	3,0	10,5	0-40	80	227	325	70	188	112	38	32
4,5 IPBHZ	2705464	4,5	25,0	0-40	112	284	413	70	251	116	80	40
12 IPBHZ	2705467	12,0	42,0	0-40	125	466	490	90	317	90	90	47

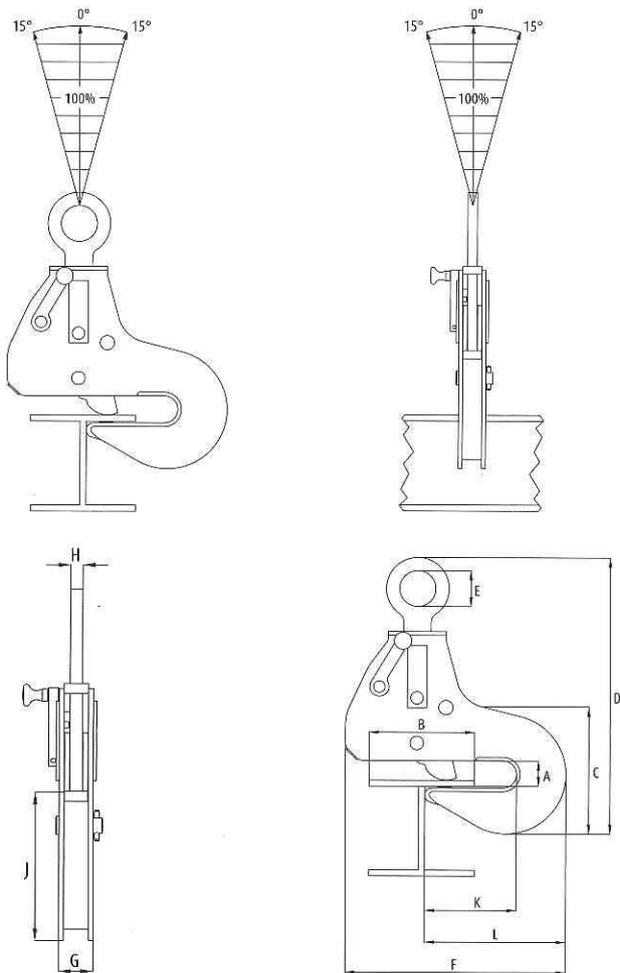
* Design Factor based on EN 13155, and ASME B30.20.

IPBSNZ HORIZONTAL TRANSPORT OF BEAMS



FOR THE LIFTING, TRANSFER AND STACKING OF STEEL BEAMS

- Available in capacities of 1,5 thru 4,5 metric tonnes (Higher WLL and jaw openings are available upon request).
- Wide variety of jaw openings available: 0 to 50mm | 0" - 2".
- Welded alloy steel body for strength and smaller size. Forged alloy components, where required.
- Individually Proof Tested to 2 times the Working Load Limit with certification.
- Company name (CrosbyIP), logo, Working Load Limit and jaw opening permanently stamped on body.
- Each product is individually serialized, with the serial number and Proof Load test date stamped on body. Serial number is included on the test certificate with maintenance and warranty logbook.
- Maintenance replacement parts are available.
- Manufactured by a ISO 9001 facility.
- All sizes are RFID EQUIPPED.



The IPBSNZ beam clamp is used for lifting, transfer and stacking. Offset hoisting eye allows for level lifts of I-Beams, also for lifting fabrications and ship sections. This series of clamps can be used in the vertical and horizontal moving, transfer and stacking of different types of structural designs, such as I-Beams, depending on the application desired.

Dimensions in mm

Model	Stock No.	WLL Each (t)*	Weight Each (kg.)	Jaw A	B	C	D	E	F	G	H	J	K	L
1,5 IPBSNZ	2705925	1,5	14,0	0-32	100-270	304	480	70	319	47	16	165	148	240
3,0 IPBSNZ	2705926	3,0	22,0	0-40	100-330	352	494	75	408	56	20	207	182	260
4,5 IPBSNZ	2705927	4,5	30,5	0-50	100-360	420	630	75	457	56	20	250	188	293

* Design Factor based on EN 13155, and ASME B30.20.

HORIZONTAL TRANSPORT OF BEAMS IPSTARTEC11

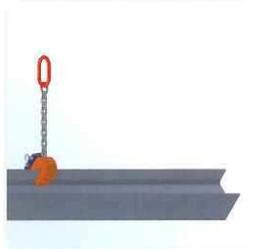


FOR CONTROLLED TILTING AND TRANSPORT

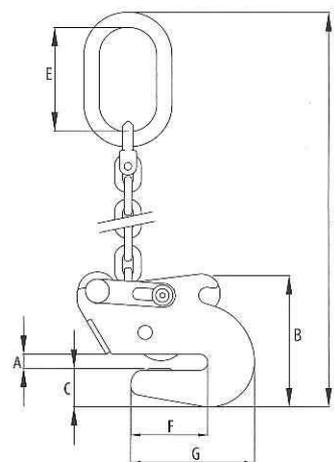
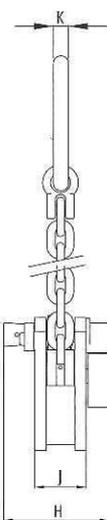
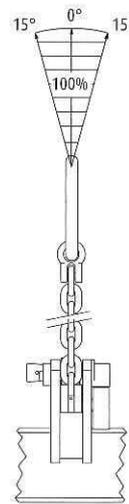
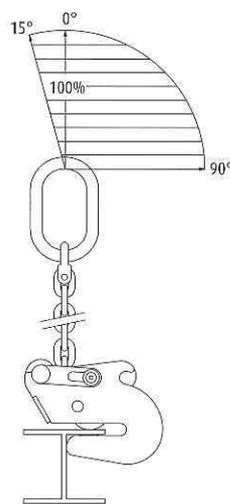


- Available in capacities of 1,5 and 2,5 metric tonnes.
- Jaw openings available: 6 to 20 mm | .25" - .75".
- Welded alloy steel body for strength and smaller size. Forged alloy components, where required.
- Individually Proof Tested to 2 times the Working Load Limit with certification.
- Company name (CrosbyIP), logo, Working Load Limit and jaw opening permanently stamped on body.
- Each product is individually serialized, with the serial number and Proof Load test date stamped on body. Serial number is included on the test certificate with maintenance and warranty logbook.
- Maintenance replacement parts are available.
- Manufactured by a ISO 9001 facility.
- All sizes are RFID EQUIPPED.

Transport



Controlled tilting



The IPSTARTEC11 beam clamp has been specially developed for lifting with the body in vertical position, controlled tilting, transportation and stacking of steel "H" and "I" profiles. By placing the chain guide in the appropriate position, it is easy to switch from lifting to tilting and back again, which shifts the center of gravity.

Dimensions in mm

Model	Stock No.	WLL Each (t)*	Weight Each (kg.)	Jaw A	B	C	D	E	F	G	H	J	K
1,5 IPSTARTEC11	2701812	1,5	6,6	6-12	140	39*	575	110	81	129	54	126	16
2,5 IPSTARTEC11	2701822	2,5	14,5	6-20	210	55	725	135	115	182	74	140	18

* Design Factor based on EN 13155, and ASME B30.20.