# PDS

HERWO
KLH

KLH. Hydraulically operated ball die-lifter is especially designed for simple horizontal transfer of heavy dies, for instance the press-tables. KLH is fixed in the T-slots or metric rectangular slots in the press table.

Advantages: Manages very heavy dies. Does not require as high tolerance as for example the ROS- lifter when in the feeding/guiding-in phase.

To be considered when mounted: In order to avoid unnecessary wear of the dies/adapter plate underneath it is wise to mount a hardened strip (at least HRC 58).

NOTE: If an article shall be used in an existing or new slot, a dimension print (page 4) shall always be enclosed when placing an order.
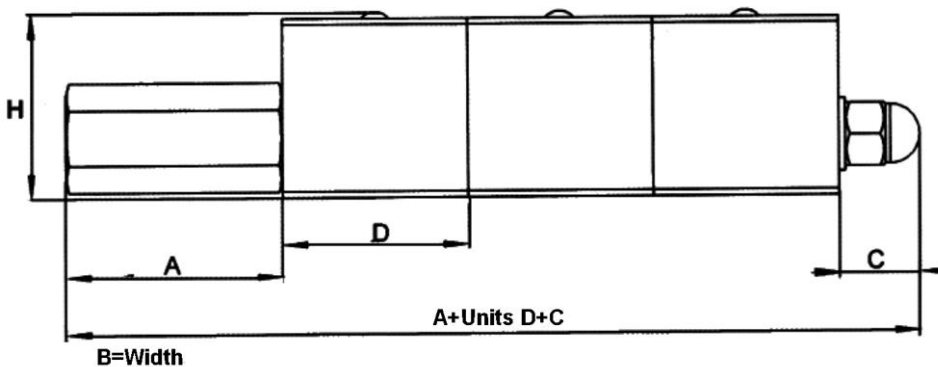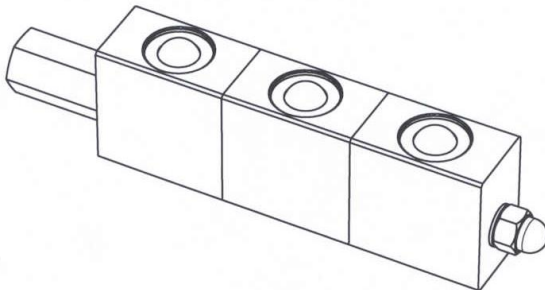
Delivered mounted and pressure-tested.
Delivered complete with attachments.

TYPE KLH	A	B	C	D	H "Ball in raised position"	Cap. kg / D
18	35	17	16	30	31	40
22	35	21	16	40	39.5	80
28	35	27	16	45	49,5	125
36	35	35	16	55	62,5	200

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Ex. Your die weighs 12 tons = 12000 kg. You want x- number of T-slots in the press-table with die lifters.
The length of the slots is 1500mm. Your T-slots are of model 28mm.

(1500mm) - (35mm) - (16mm) / (45mm) = 32,2 st (32) x (125kg) = (4000kg)
Conclusion: According to this example you should have 4 T-slots with KLH die lifters. Lifting capacity: 16 tons

(Length of T-slot) minus (A) and (C) divided with (D) = Number of D-units (round of down with units) x (Cap. kg) = (lifting capacity per T-slot)