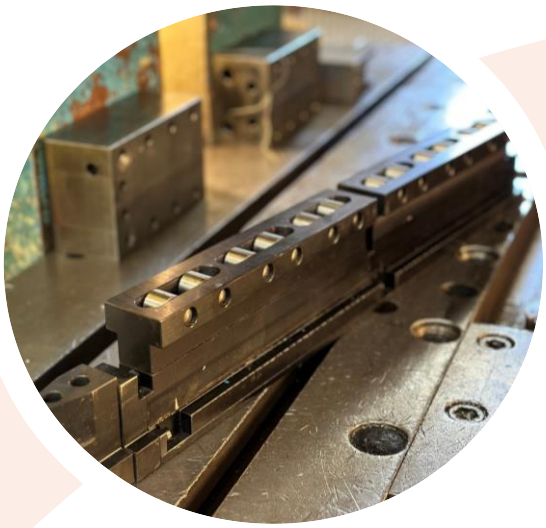


Integrated hydraulic lifting system. Very heavy dies can easily bee maneuvered back an forwards or in all direction with ball type.

FUNCTION HYDRAULIC DIE ROLLER

- For TRANSPORT of dies in and out the press
- Easy mounting in the T-slots of the press table
- Customized according to your specifications
- High Tech – low costs

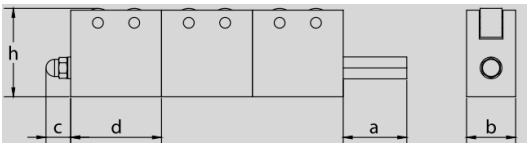
DIE ROLLER MODELS

HLR – Hydraulic with rollers

HLK – Hydraulic with balls

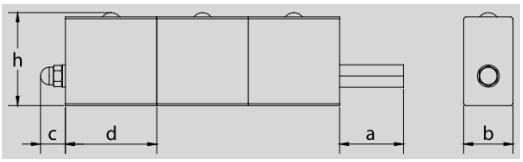
## HLR (Roller)

| Type | Lifting force / pc | T-slot (mm) | a | b | c | d | h |
|---|---|---|---|---|---|---|---|
| HLR 18 | 2 000 N/200 bar | 18 | 35 | 17 | 13 | 40 | 29,5 – 31 |
| HLR 22 | 4 000 N/200 bar | 22 | 35 | 21 | 16 | 40 | 37,5 – 40 |
| HLR 28 | 6 000 N/200 bar | 28 | 35 | 27 | 16 | 50 | 47,0 – 49,5 |
| HLR 36 | 10 000 N/200 bar | 36 | 35 | 35 | 16 | 90 | 60,5 - 63 |

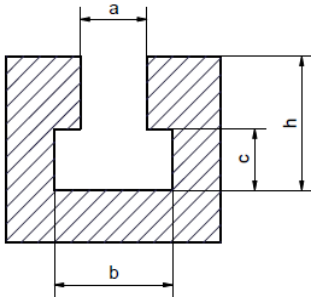



## HLK (Ball)

| Type | Lifting force / pc | T-slot (mm) | a | b | c | d | h |
|---|---|---|---|---|---|---|---|
| HLK 18 | 400 N/40 bar | 18 | 35 | 17 | 13 | 30 | 29,5 – 31 |
| HLK 22 | 800 N/40 bar | 22 | 35 | 21 | 16 | 40 | 37,5 – 39,5 |
| HLK 28 | 1 250 N/40 bar | 28 | 35 | 27 | 16 | 45 | 47,5 – 49,5 |
| HLK 36 | 2 000 N/40 bar | 36 | 35 | 35 | 16 | 55 | 60,5 – 62,5 |




NOTE! To avoid any damage from rollers or balls on the bottomside, the hardness of the die/adapterplate should be at least HRC58.




For inquiry or order

- Specify max. die weight (W)
- Specify total roller length (L)
- Measure your T-slot (a, b, c, h)

| MODELL | T-slot (mm) | W (kgs) | L (mm) | a (mm) | b (mm) | c (mm) | h (mm) |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

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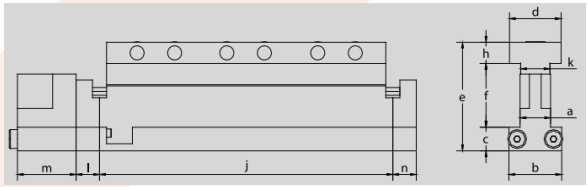
Integrated hydraulic lifting and clamping system for guiding, rolling and clamping

HYDRAULIC TWIN T-ledge HSR

- For TRANSPORT of dies in and out of the press
- Easy mounting in the T-slots of the press table
- Positioning and clamping the die with even force across the entire lower die

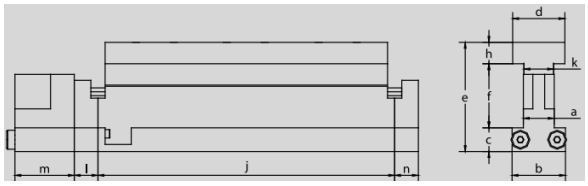
HYDRAULIC TWIN T-ledge HS

- For guiding and clamping the die. Mainly used for the ram




HSR (Roller)

| Type | Clamping force/pc | Lifting force / pc | a | b | c | d | e | f | h | j | k | l | m | n |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HSR 22 | 23 kN/200 bar | 32 kN/200 bar | 21 | 36 | 15,5 | 35 | 73 - 79 | 42 – 48 | 15,5 | 250 | 20 | 20 | 50 | 35 |
| HSR 28 | 31 kN/200 bar | 44 kN/200 bar | 27 | 45 | 19,5 | 44 | 92 - 98 | 53 – 59 | 19,5 | 250 | 26 | 20 | 50 | 35 |
| HSR 1” | 31 kN/200 bar | 44 kN/200 bar | 26,3 | 42 | 20 | 40 | 84,8 – 90,5 | 41,5 – 47,3 | 23,3 | 250 | 24 | 20 | 50 | 35 |



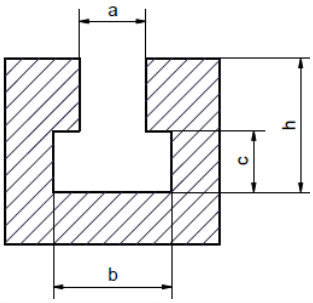

HS (Roller)

| Type | Clamping force/pc | Lifting force / pc | a | b | c | d | e | f | h | j | k | l | m | n |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HSR 22 | 23 kN/200 bar | 32 kN/200 bar | 21 | 36 | 15,5 | 35 | 73 - 79 | 42 – 48 | 15,5 | 250 | 20 | 20 | 50 | 35 |
| HSR 28 | 31 kN/200 bar | 44 kN/200 bar | 27 | 45 | 19,5 | 44 | 92 - 98 | 53 – 59 | 19,5 | 250 | 26 | 20 | 50 | 35 |
| HSR 1” | 31 kN/200 bar | 44 kN/200 bar | 26,3 | 42 | 20 | 40 | 84,8 – 90,5 | 41,5 – 47,3 | 23,3 | 250 | 24 | 20 | 50 | 35 |

NOTE! To avoid any damage from rollers or balls on the bottomside, the hardness of the die/adapterplate should be at least HRC58.

For inquiry or order

- Specify max. die weight (W)
- Specify total roller length (L)
- Measure your T-slot (a, b, c, h)




| MODELL | T-slot (mm) | W (kgs) | L (mm) | a (mm) | b (mm) | c (mm) | h (mm) |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

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