

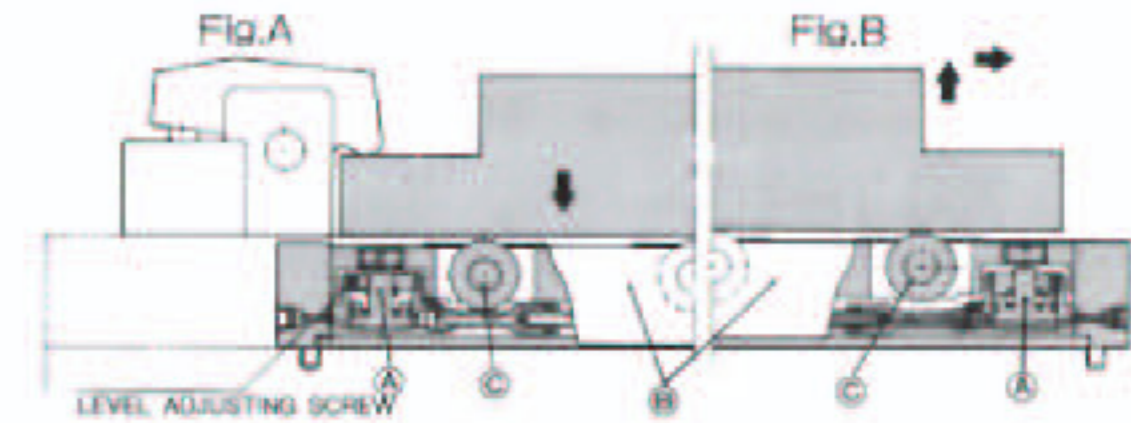
# HYDRAULIC DIE LIFTERS

HL Series (5 Size Ranges)



- Force required to roll a die is 1% of die weight without requiring hardened surface on die shoe.
- Rollers are equipped with precision needle bearings with hardened steel outer races.
- Roller block is provided with dust proof covers to protect rollers from dirt or scrap.
- Levelling screws on upper surface of the roller bar simplify installation into T-slot or machined U channels.
- System can be hard tubed, eliminating need for flexible hose.

## Hydraulic Operation



- A - Die lifter lowered with die in clamped position
- B - Die lifter raised above bolster with die ready for removal.

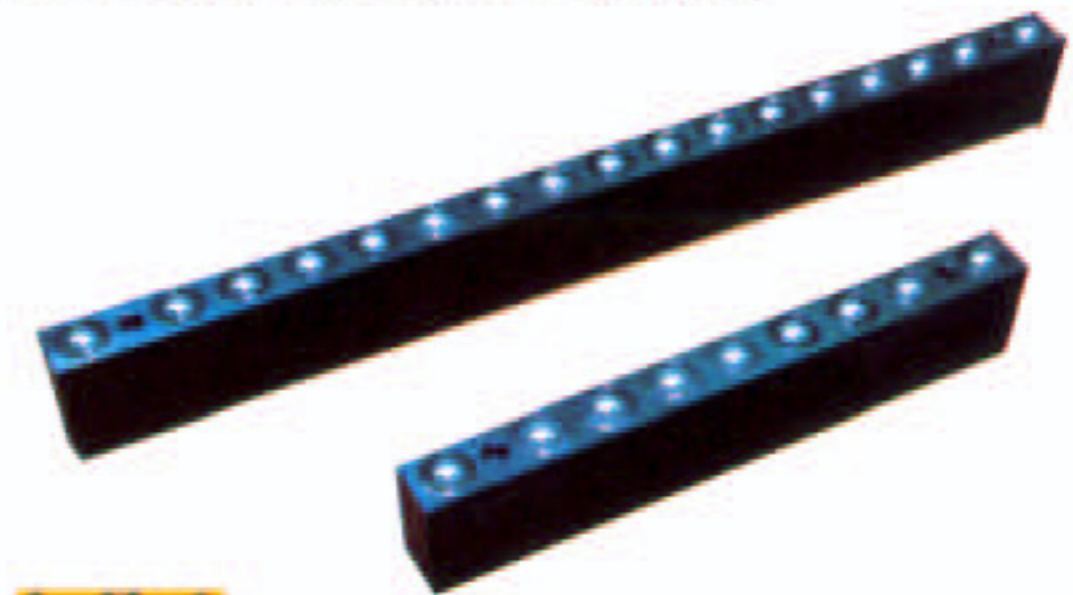
# SPRING DIE LIFTERS

BL Series (4 Size Ranges)



- Same construction as BL Series, but incorporates steel balls instead of rollers.
- Die movement possible in 360°
- Spring lift eliminates pneumatic and hydraulic power requirements.
- For lifting light duty loads force required to move die is 1% of the die weight.
- Adjustment screws simplify installation in T-slots or U channels.
- Lengths and capacities available in 100 mm increments.
- Machined steel bar construction resists shock and unbalanced loads.

## FBL Series (2 Size Ranges)



# AUTO TRAVEL CLAMPS

Refer to our companion brochure for Auto Travel Clamps.



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**TQDC** →