



# QC-DIE

QUICK-CHANGE DIE  
FOR FAST  
JOB CHANGE-OVERS

*New, innovative  
Quick-Change Die-Cutting Unit  
for very fast job change-overs*

*Designed to **save time** on  
each job setup, with **easy**  
handling of tools, and  
**less** material waste*





| SPECIFICATIONS mm (feet/inches)    | QC-DIE                |
|------------------------------------|-----------------------|
| Die-cutting repeat .....           | 304,8-635 mm (12-25") |
| Die-cutting width, max. ....       | 432 mm (17")          |
| Web width, max. ....               | 450 mm (1.7¾")        |
| Substrate thickness .....          | 25-350                |
| Gear increments .....              | 1/8"                  |
| Air gap magnetic cylinder .....    | 0,48 mm               |
| Die-cutting plate, thickness ..... | 0,44 mm               |
| Side register tolerance .....      | +/- 3,0 mm            |



## QC-Die for fast job change-overs

The Quick-Change Die Unit offers unique, innovative die-cutting for reduced setup times and fast job change-overs.

### Operator-friendly

Featuring an operator-friendly make-ready position, the QC-Die allows the operator to set up the magnetic base cylinder and flexible die, while the press is running. When the press is stopped, the previous cylinder is rolled to an unload position, and the new cylinder is rolled into operating position – a process that takes no more than a few seconds.

### Change of dies in seconds

The magnetic cylinders are equipped with bearing blocks, that are automatically engaged and retained in the QC-station. Combined with precise tooling and automatic hydraulic loading, this allows the operator to change dies in seconds.

### Full compatibility

QC-Die is compatible with all Nilpeter presses.

## FEATURES

- New and innovative quick-change die-cutting unit
- Die make-ready position
- Quick-lock die/quick release
- Automated die engage/lift
- Integrated die depth adjustment
- Automated die pressure control

## BENEFITS

- Easy setup
- Preparation of die during production
- Easy handling of tooling
- Magnetic die - extremely fast change-overs
- Zero downtime and less material waste
- Minimised parameter setups
- Less material waste
- Designed for all Nilpeter presses

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