

High performance  
drilling machines  
Dürselen PB.16



Dürselen PB.16 - versatile multi-spindle  
drilling platform with unique on-site  
upgrade path

 **Dürselen**



The standard PB.16 drill covers many applications and can be upgraded on-site to meet emerging applications.

#### PB.16 standard features ...

- precision, trouble-free drilling and reliable performance
- robust, cast iron construction
- motorised cam driven linear stroke movement
- 4 drill heads as standard - upgrade to up to 15 heads and special multi-spindle heads as required
- fixed table with adjustable stop up to 50 mm / 2" spine margin
- wide platform 450 mm / 17 1/2" for large paper sizes and wide hole spacing

#### PB.16 upgrade modules - for additional applications

On-site upgrades, available as required, to meet new applications:

- manual sliding table with program index trims
- motorised, programmable sliding table
- extended back table (throat depth 300 mm / 12") - manually adjustable back stop or,
- with motorised, programmable back stop

#### Options for higher performance and productivity

- continuously variable stroke and spindle speed:
- essential with drill bit diameters ranging from 3 to 14 mm (1/8" and 5/8")
  - essential for difficult substrates such as plastics to avoid drill bit breakage

drill bit air cooling and lubrication:

- dramatically extended drill bit service
- less re-sharpening required
- mark-free holes with volatile lubricant

drill belt as drilling bed:

- economic compared to drill sticks
- clean holes down to the last sheet
- cost effective performance using special resilient plastic allows multiple drilling on the same spot

#### Greater flexibility - higher productivity: sliding table upgrades

The Dürselen sliding table modules achieve productive, accurate drilling of multi-stroke hole patterns with narrow separation (less than 31.7 mm / 1 1/4"), for example, twin wire binding or combined hole EU/USA patterns.

The manual table matches requirements for shorter run lengths and patterns with fewer holes. Each program index trim precisely positions the table for each stroke in sequence. One program index trim with the seven most common hole patterns comes with the machine.