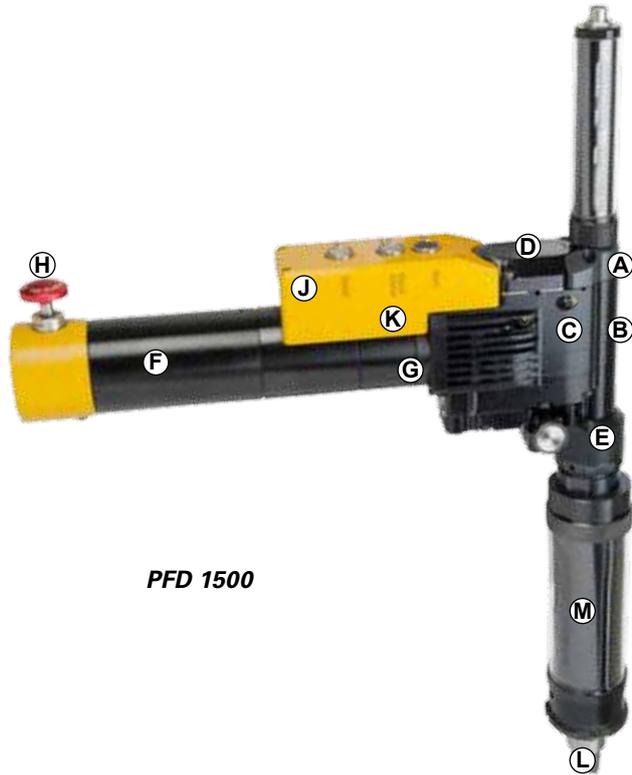
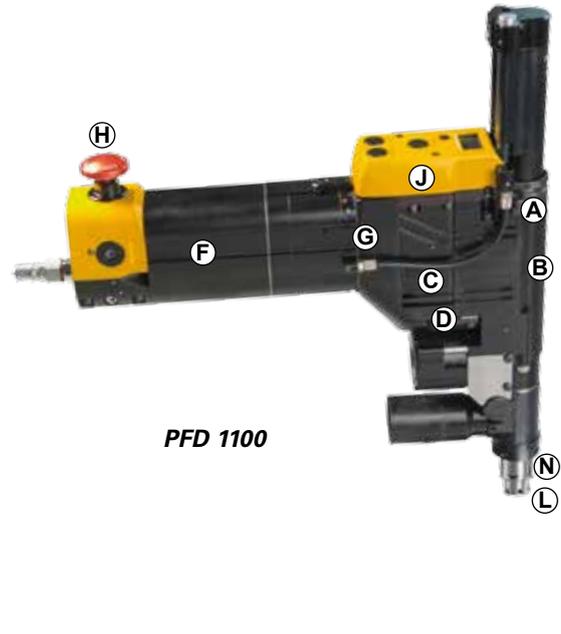


# PFD

# Positive Feed Drills



**PFD 1500**



**PFD 1100**

## PFD 1500

Item	Ordering No.
PFD1500RA-200-R	8440 1500 39
Indexer-1-9-16	4141 0306 90
PFD1500-IPR2	4141 0034 92
Spindle-1500-12-9-6	4141 0004 91
Guard-1500-12	4141 0323 91
Nose-8IN-1-1-2	4141 0245 90

**Example:** Twistlock model with rapid advance and indexer. Spindle with 9/16"-18" interface, speed of 200 rpm and feed of 0.05 mm/r (0.002 IPR). Suitable for drilling of 19 mm holes (3/4") in Ti or Ti/CFRP stacks.

## PFD 1100

Item	Ordering No.
PFD1100RA-IFB110B	8440 1110 66
Spindle-CC-1100-2	4141 0742 90
Guard-1100-2in-p	4141 0826 92
Guide-CC-R-1100-M6	4141 0743 91
Bush-CC-1100-53	4141 0707 92
Foot-CC-1100-MINI	4141 0764 90
Mandrel-CC-25.4-A	4141 0806 28
Collet-CC-1	4141 0813 28

**Example:** Concentric collet model with inboard lubricator, counter and ChipLet®. Spindle with M6 interface, speed of 2600 rpm and feed of 0.07 mm/r (0.003 IPR). Suitable for drill and countersink of Ø 6.35 (1/4") holes in Al or Al/CFRP stacks.

- Ⓐ Optional ChipLet® module which effectively breaks chips while drilling for improved chip evacuation and hole quality.
- Ⓑ Angle head with superior durability with double needle bearings for both feed and drive gear.
- Ⓒ Overload clutch protects the angle head and drive train from overthrust.
- Ⓓ The replaceable feed cassette system enables quick and easy change of feed rate.
- Ⓔ Optional indexer which allows the tool to be locked in the jig also when free space is compromised.
- Ⓕ High torque, high power governed air motor maintains cutting speed while drilling.
- Ⓖ Easy-to-change split gearbox for quick adjustment of rpm.
- Ⓗ Emergency stop fully compliant with the European machinery directive for a high level of safety.
- Ⓙ Rapid advance of spindle reduces cycle time and makes setup a quick and safe task.
- Ⓚ Reliable and user-friendly tool controls with optional cycle counter.
- Ⓛ Best in class spindle power and thrust capabilities. A wide range of speeds and feeds.
- Ⓜ A large selection of tool noses with or without vacuum port makes the tool fit existing drill jigs.
- Ⓝ Concentric collet foot which allows clamp force for countersinking up to diameter 22 mm (7/8"). Debris protection and efficient vacuum exhaust of chips. Foot is modular and easily removed for drill bit change.