



Screwdriving Technology



Automation



Air Motors



Air Tools



## Pneumatic Straight Drills

Model DS 070 - DS 310

Drill Capacity from 15 - 80 mm (0.6 - 3.15 inches)

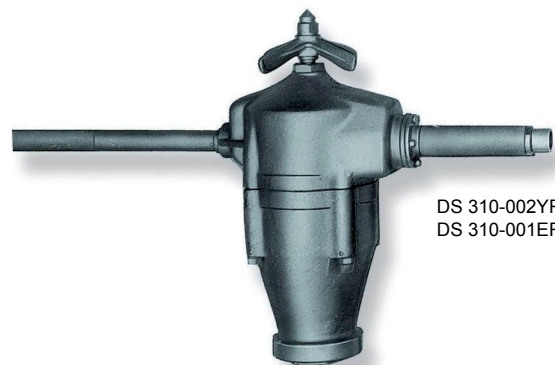
Power: 0,7 - 3,1 kW (.94 - 4.69 HP)

- ergonomic
- optimum power-to-weight ratio
- simple operation
- reliability

The DEPRAG INDUSTRIAL straight air drills are especially well-suited for applications in heavy engineering, ship building, industrial transport equipment and other industries. They are a suitable tool for continuous operation requiring a high level of reliability.



DS 070-014ZMK1



DS 310-002YRMK5  
DS 310-001ERMK5



## Inline Design for industrial use

### Ergonomic

The DEPRAG straight drills are designed with the most ergonomic features in mind; these features are the foundation for a superior quality and precision. The low vibration and low noise level assure that the tool will always operate at its highest level of performance.

### Optimum power-to-weight ratio

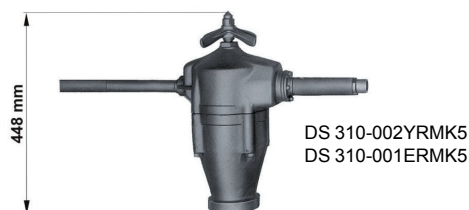
Despite their small dimensions, our straight drills incorporate a powerful motor that guarantees a maximum drilling power. Each drill features the lowest possible weight and has an excellent balance. The innovative motor design in connection with the efficient gearbox allows an optimum power-to-weight ratio and allows for a maximum material penetration.

### Simple operation

Simple to operate no matter how difficult the applications. A simple and fast exchange of the drill bit is possible due to the keyless drill-chuck.

## SPECIFICATION - INLINE DESIGN

### Straight Drills



Straight Drills Right-rotation	Typ		DS 070-014ZMK1		DS 310-002YRMK5		DS 310-001YRMK5	
	Part No.		3005661A		3017171A		3017171B	
Max. Ø of drilling into steel	mm	(in)	15	(19/32)	60	(2-23/64")	80	(3-5/32")
Reaming up to	mm	(in)	-		50	(2")	75	(3")
Tapping into steel to	mm	(in)	-		65	(2-9/16")	100	(4")
Milling of pipes	mm	(in)	-		65	(2-9/16")	120	(4-23/32")
Morse taper			1		5		5	
Speed (no load)	min <sup>-1</sup>	(rpm)	1400		220		150	
Speed (under load)	min <sup>-1</sup>	(rpm)	800		100		80	
Air consumption (load)	m <sup>3</sup> .min <sup>-1</sup>	(cfm)	0,85	(30.01)	2,8	(98.90)	2,8	(98.90)
Max. power output	kW	(hp)	0,7	(.94)	3,1	(4.16)	3,1	(4.16)
Spindle stroke	mm	(in)	-		110	(4-21/64")	110	(4-21/64")
Distance from center of spindle to exterior of housing	mm	(in)	36	(1-7/16")	55	(2-11/64")	55	(2-11/64")
Length	mm	(in)	298	(11.73)	448	(17.63)	448	(17.63)
Weight	kg	(lbs)	3,5	(7.70#)	34	(74.96#)	34	(74.96#)
I.D. of air inlet hose	mm	(in)	10	(13/32")	19	(3/4")	19	(3/4")
Air connection			G 3/8 i		G 3/4 i		G 3/4 i	

Specifications at 90 psi (6,3 bar).

**DEPRAG**  
machines unlimited

