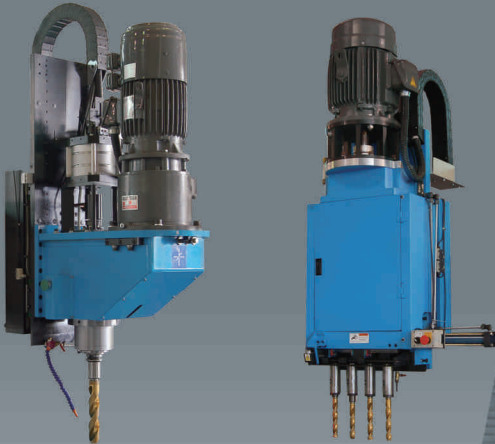


# Drill<sup>+</sup>

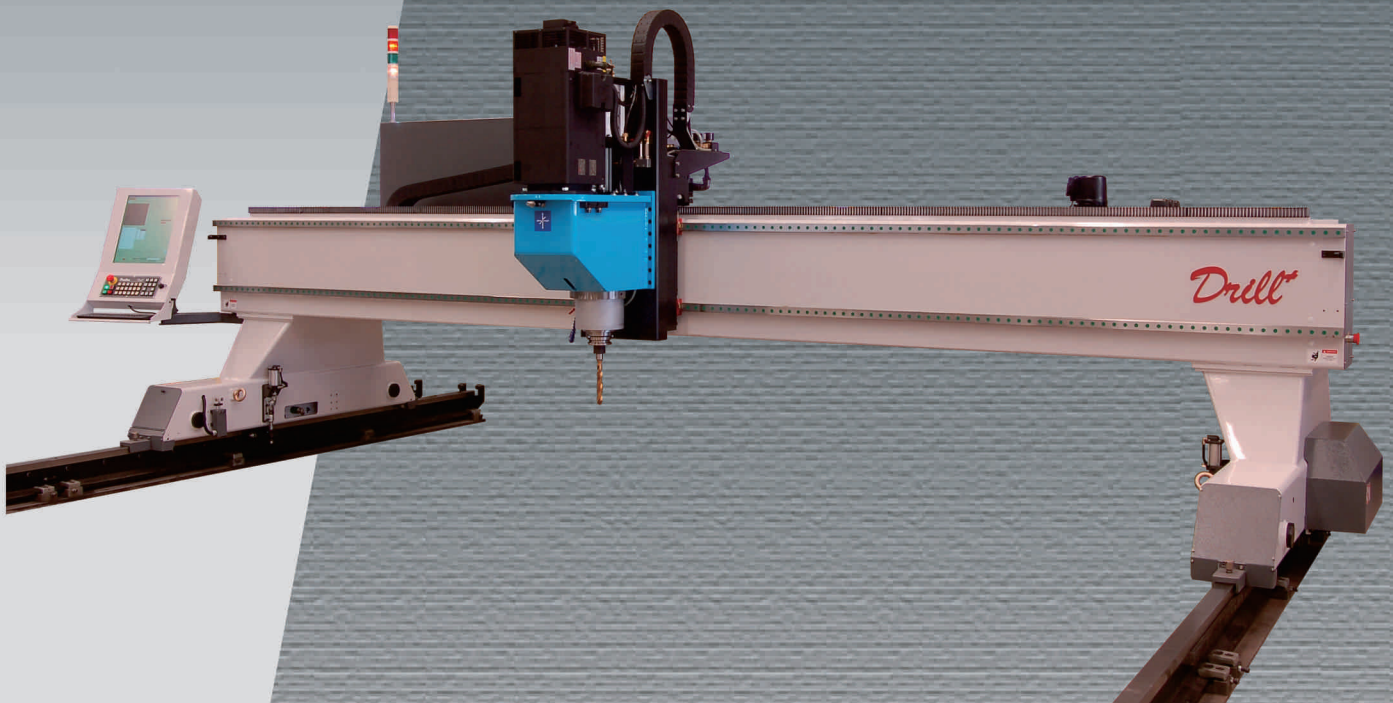
**ProArc**<sup>®</sup>



*DS Spindle*

*MS Spindle*

***Auto Drill Machine  
Intelligent Versatile & Powerful***



**Gantry type**

*ProArc Drill<sup>+</sup> is an automatic, high efficiency and performance CNC drilling machine. Automatic drilling process is constituted by Z axis servo lifter, tool length detector and plate height measuring device. ProArc Drill<sup>+</sup> makes drilling process easy and friendly.*

# Drill<sup>+</sup>

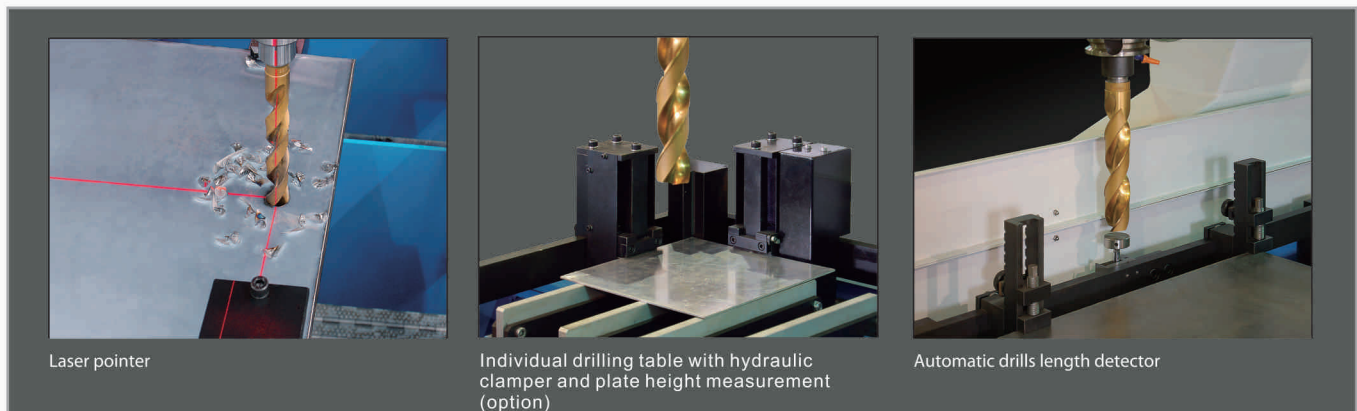


IPC based CNC control

## Features

- **Automatic tool length detector - one touch**  
Save manual measurement time and avoid inaccuracy tolerance
- **One button tool change**  
Tool-less and quick change
- **IPC based CNC control system**  
Unique and intuitive GUI with 19" touch panel for easy operation
- **Multi-task process**  
Multi-home positions can execute different jobs in one process
- **Multi-application**  
Available for drilling, slotting and tapping process
- **Longitudinal rail is extendable**  
Extend according to actual requirement
- **Individual drilling table with hydraulic clamber (option)**  
Plate height measurement is available

Specification									
Model	Unit	Drill <sup>+</sup> 25	Drill <sup>+</sup> 30	Drill <sup>+</sup> 35	Drill <sup>+</sup> 40	Drill <sup>+</sup> 50	Drill <sup>+</sup> 60	Drill <sup>+</sup> 80	
Table size	mm	1,700 x L	2,200 x L	2,700 x L	3,200 x L	4,200 x L	5,200 x L	7,200 x L	
Parking space	mm	1,500			2,000				
Z lifter effective stroke	mm					350			
Track length (section)	mm					3,000			
Plate thickness	mm					100			
Positioning accuracy	mm					±0.1			
Positioning speed	m/min					12			
Number of spindle						1 ~ 2			



Laser pointer

Individual drilling table with hydraulic clamber and plate height measurement (option)

Automatic drills length detector

Drill Spindle							
Model	Unit	MS-232	MS-432	DS-040	DS-050	DS-060	DS-080
Drills number		2	4	1			
Drive motor	hp	5	7.5	5	7.5	20	30
Drilling capacity	mm	Ø14 ~ 32 <sup>*2</sup>	Ø14 ~ 32 <sup>*2</sup>	Ø14 ~ 40	Ø14 ~ 50	Ø6 ~ 60	Ø6 ~ 85
Speed	rpm	32 ~ 320		55 ~ 570		40 ~ 1150	
Effective length <sup>*1</sup>	mm					230 ~ 390	
Shank-standard		Adaptor Ø35-MT3		BT40-MT4		BT50-MT4	
Shank-milling (option)				BT40-CTH32-150 <sup>*3</sup>		BT50-CTH32-150 <sup>*3</sup>	
Shank-tapping (option)				BT40-WF33 <sup>*4</sup>		BT50-WF33 <sup>*4</sup>	
				TC1433B-030B 01~15 <sup>*5</sup>		TC-1433B-030B 01~15 <sup>*5</sup>	
Shank-indexible drills (option)						BT50-SL-OD <sup>*6</sup>	
						BT50-SL-40 <sup>*6</sup>	

\*1 Effective length: From spindle nose-end to drills end

\*2 Max. Ø40 mm for "one" drill

\*3 Shank w/ holder for end-mill

\*4 Shank w/ tapping chuck

\*5 Quick change tapping collets

\*6 Shank w/ side lock holder

Specifications subject to change without notice

## UNITED PROARC CORPORATION

No.3 Gungye 10th Rd., Pingjen Industrial Park, Pingjen City, Taoyuan 32459, Taiwan

Phone: +886 3 469 6600 Fax: +886 3 469 4499

E-mail: sales@proarc.com.tw http://www.proarc.com.tw

*We love metal arts*  
welding · cutting · drilling ..... since 1966