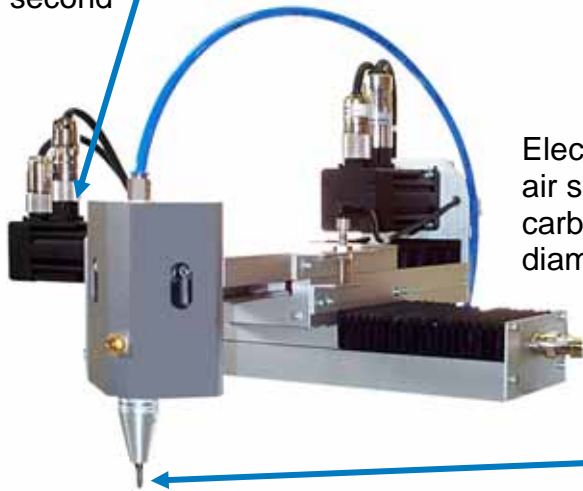


DPS, DOT-PEEN-SCRIBE

Versatile marking machine offering both **Dot-Peen** and **“Silent Scribe”** marking in the same **system**. This **ball screw drive** system comes with either stepper drive offering up to 5 characters per second, or high speed servo drive offering up to **10 characters per second**. The system controller offers the flexibility of DC start and mark complete signals, as well as serial and digital I/O communication. This system is UID/2D Square-Dot® compatible.

Stepper motors for marking up to (5) 1/8" characters per second

Servo motor system for marking up to (10) 1/8" characters per second



Electric head option requires no air source, comes with either a carbide pin for dot-peen or a diamond pin for scribe

Wide range of marking window sizes available up to 500mm

Pneumatic dot-peen with carbide tip, pin may be switched with diamond tip for scribe mode (UID/2D Square-Dot)



Standard DPS controller has DC start and stop, serial connection, and 32 I/O points. Each controller is configured for the system ordered and may include: Larger marking window, Z axis, and rotator.

High speed servo motor drive control (shown bottom left)

DPS, DOT-PEEN-SCRIBE

DPS Dot-Peen-Scribe How to Order

To Order: Select only the symbols that represent the marker feature that is needed. Place that symbol in the sequence as shown.		
Model/Feature	Symbol	Example
DPS Marking Unit	DPS	DPS-60-ST-ES-ZE
Window Size		
60 (1.6" x 2.3" or 60 x 40mm)	60	
150 (4" x 6" or 150 x 100mm)	150	
300 (8" x 12" or 300 x 200mm)	300	
500 (20" x 10" or 500 x 250mm)	500	
Speed/Drive		
SE (Servo)	SE	
ST (Stepper)	ST	
Head Style		
Electric Scribe (diamond scribe pin)	ES	
Electric Peen (carbide pin)	EP	
Air Scribe (diamond scribe pin)	AS	
Air Peen (carbide pin)	AP	
Z Axis Options		
Electric Z-40mm (for DPS60)	ZE	
Electric Z-100mm	ZEA	
Pneumatic Z-50mm	ZP	
No Z Axis Options	00	
Cable Length		
10 ft Cable	-	
25 ft Cable	25	

Features:

- Ball screw drive, offers precise dot-peen and scribe accuracy
- Switch selector for dot-peen or scribe mode
- Marking windows:
 - 60 = 1.6" x 2.3"
 - 150 = 4" x 6"
 - 300 = 8" x 12"
 - 500 = 20" x 10"
- Marking speed:
 - Stepper marks 5 (1/8") characters per second
 - Servo marks 10 (1/8") characters per second
- Industrial controller (no PC required)
- LCD screen with simple menu commands
- Removable keyboard provided for programming
- 10 or 25 ft cable to connect marking head to controller
- Pin selections:
 - Carbide pin for peen – Marks plastic, wood and metals (up to 50 RC)
 - Diamond pin for scribe – marks harder parts and offers Square-Dot® upgrade (page 18)

Utilities:

- Electrical components require 110 VAC power, 6 ft electrical cord supplied air power required for pneumatic dot-peen*
 - 8mm Push-in tube fitting requires connection to air supply (30-75 PSI operating range)

*This feature is not included with electrically powered unit

See page 19 for **Windows Software** How to Order Chart

