



The establishment of Guanda international machinery is to offer the best production solutions to structural steel fabrication industry. The services we provide are

1. Specific structural steel fabrication machines (such as drill machines, marking machines and various automatic machines)
2. User-friendly interface and TEKLA post-process software (such as GD-SFM, Steel Fabrication Management)
3. Software for optimizing steel production (such as GD-ERP)

After integrating hardware and software, the collected production data can be digitalized and analyzed intelligently. By this, customers improve their competitiveness. Meanwhile, it also meets the future trend of the clients toward to Industry 4.0 and intelligent production.

Machine specification

Allowable cutting workpiece(beams)

Web height	75~500mm
Flange width	150~1050mm
Min. infeed length	2400mm
Max. infeed length	99999mm

Cutting capacity

Number of vertical drilling head	1
Number of horizontal drilling head	2
Number of spindle per vertical drilling head	1
Number of spindle per horizontal drilling head	1
Max. stroke of auxiliary axis	300mm
Max. diameter of drilling hole	Ø40
Max. drilling thickness	80mm
Max. drilling spindle power	15kw and 11kw
Toolholder	BT 40
Spindle speed	180~4000RPM
Feed-rate of drilling axes	40~1000mm/min
Rapid traverse of drilling axes	24M/min

Machine dimension

Length	5450mm(w/o chip conveyor)
Width	2000mm(w/o accessories)
Height	2650mm(w/ accessories)
Machine weight	14.5ton

**Build a green E-world with
creative & user-friendly technology.**

GD-STD

STD-105

**Structural steel
3 spindle drill machine**



GD-STD

STD-105



◀ ATC at upper drill spindles

Upper drill spindle can equip a 5-tool magazine.
(ATC function can be performed by smartphone APP)



◀ Centralized control system

Combination with machine and other modular (such as roller conveyors or shuttle conveyor) without extra control unit.

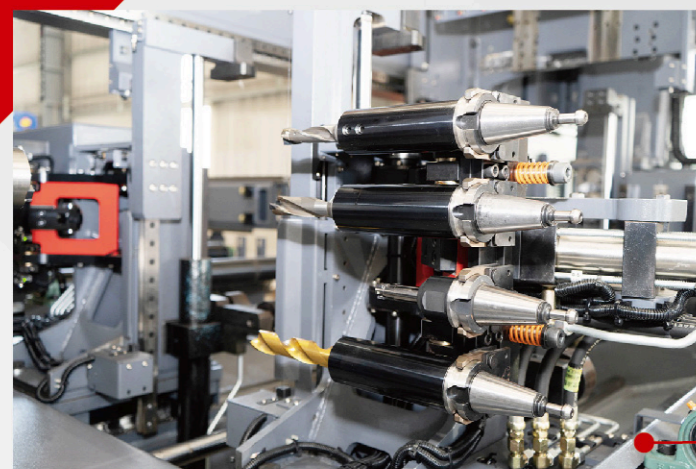


▲ 2 way feeding arm

Brand new designed 2 way feeding arm can clamp workpiece horizontally or vertically. With Guanda special software, automatic workpiece feed-in is fully realized. (ATC function can be performed by smartphone APP)

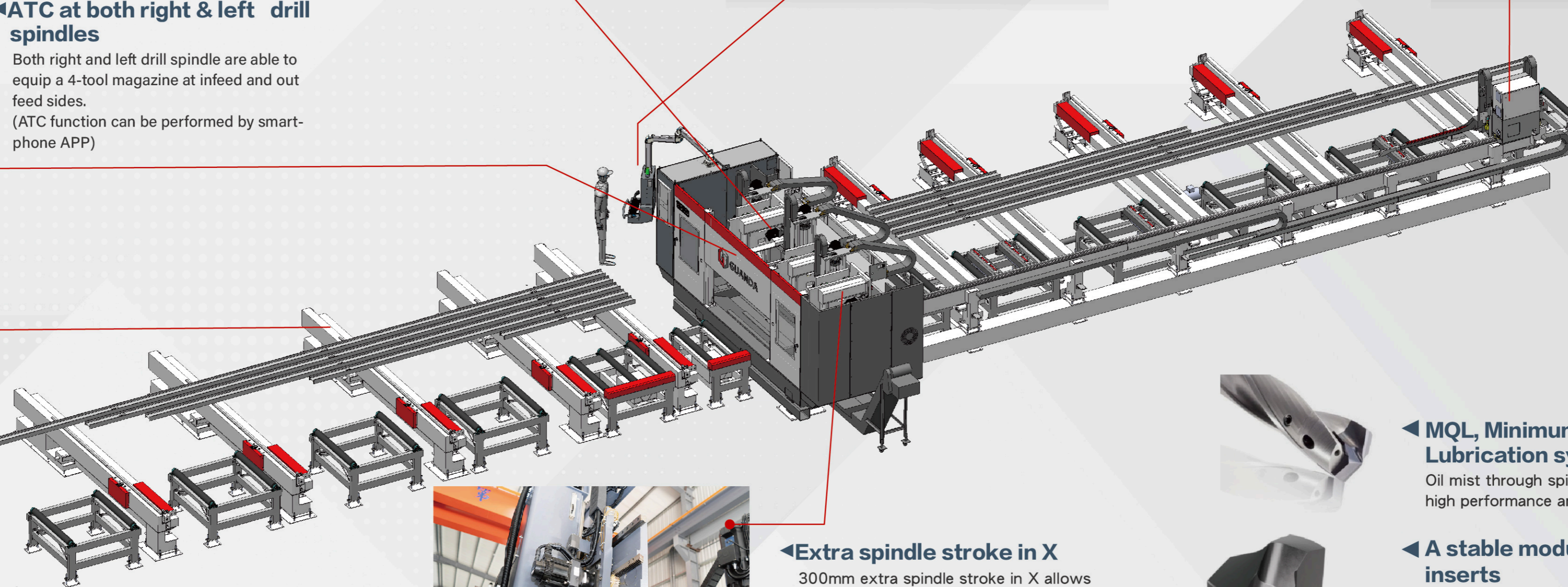
◀ ATC at both right & left drill spindles

Both right and left drill spindle are able to equip a 4-tool magazine at infeed and out feed sides.
(ATC function can be performed by smartphone APP)



▲ Shuttle conveyor (inlet/outlet)

Automatic workpiece transferring is fully realized. With smart phone APP, BOM mapping and automatic workpiece transferring minimizes the labor cost.



◀ Extra spindle stroke in X

300mm extra spindle stroke in X allows the drilling more flexible. 3 drill spindles can work independently to maximize machine performance and productivity.



◀ MQL, Minimum Quantity Lubrication system

Oil mist through spindle system allows low oil cost, high performance and environment protection.



◀ A stable modular drilling tools and inserts

Tool was engineered with a secure pocket seat design to ensure maximum stability in challenging drilling applications like cross-hole, inclined entry/exit, and interrupted cuts.

