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**NEW AUTO DRILL 30 STATION FOR ESAB CUTTING AUTOMATION SYSTEMS  
INCREASES PRODUCTIVITY AND ACCURACY**

ESAB has introduced its Auto Drill 30 fully-automated drilling system capable of drilling holes with diameters up to 30 mm through plate thicknesses up to 50 mm, depending on material type. The new system uses a completely new spindle design to expand drilling diameter and add capabilities.

Equipped with a seven-tool changer to accommodate seven different tools within the same program, the Auto Drill 30 can also tap, countersink and counterbore. The Auto Drill 30 is an available option for ESAB's Suprarex™ HDX and NUMOREX™ automated cutting machines, making it ideal for steel service centers, large manufacturers, bridge builders and structural steel companies. It can be used in combination with stations for plasma beveling, oxy-fuel cutting, inkjet marking and pin stamping.

The Auto Drill 30 system's tool changer is mounted on a carriage attached directly to the drill station, allowing tool changes to happen very quickly, without moving or unclamping the drill station itself. This increases productivity because the machine and tool station don't have to move to a different location to change tools, and it increases productivity because there is no need to re-orient the plate to ensure accuracy. A laser sensor measure tool confirms tool tip position on every down-stroke, allowing it to detect if the tool is broken.

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Image information

JPG: Auto Drill 30 Station

Caption: The Auto Drill 30, an optional station for ESAB cutting automation systems, can drill holes with diameters up to 30 mm, as well as tap, countersink and counterbore.

JPG: Auto Drill 30 cooling

Caption: The Auto Drill 30 includes through-the-tool cooling as well as external cooling.