

Doosan Machine Tools

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D'ANDREA AUTO CHANGER SYSTEM

DBC SERIES ; LAYOUT CONFIGURATION

Dec. 05. 2019

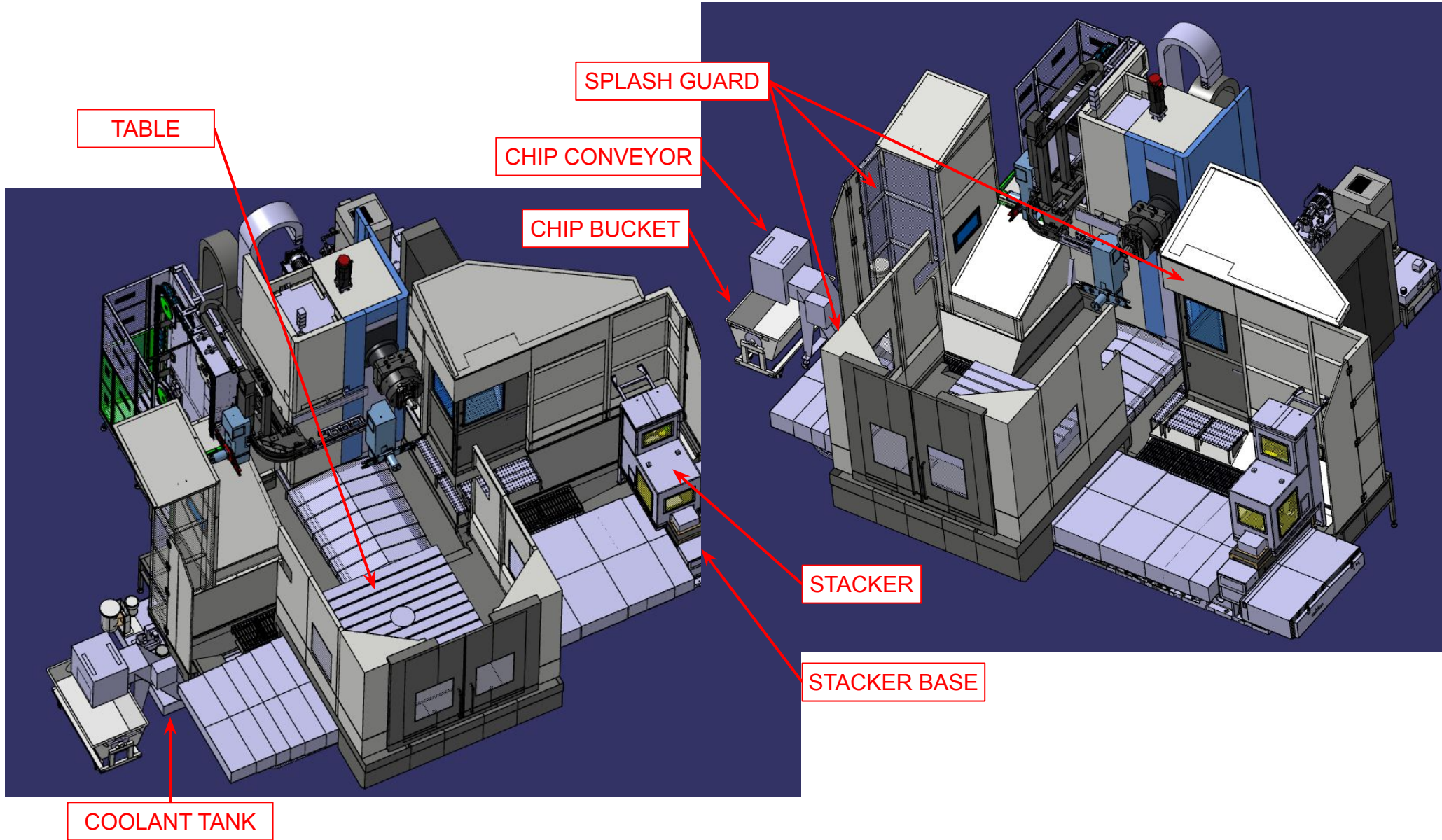
HBM Part

본 문서는 두산공작기계(주) 정보자산으로, 승인을 받지 않은 문서의 열람, 수정, 배포, 복사를 금지합니다.

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**MACHINE
GREATNESS™**

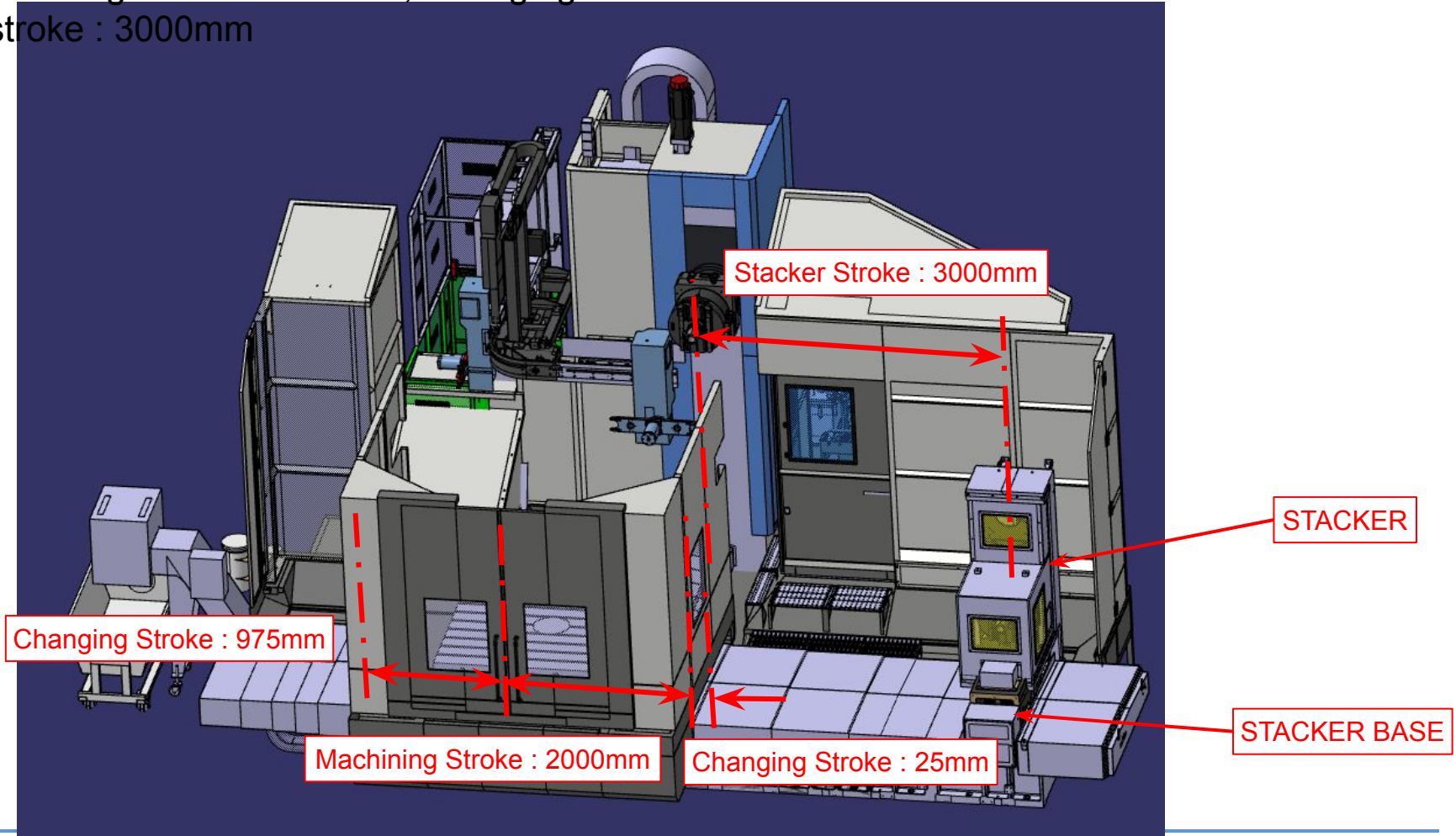
D'andrea Auto Changing System_Layout



D'andrea Auto Changing System Configuration; DBC 130 II



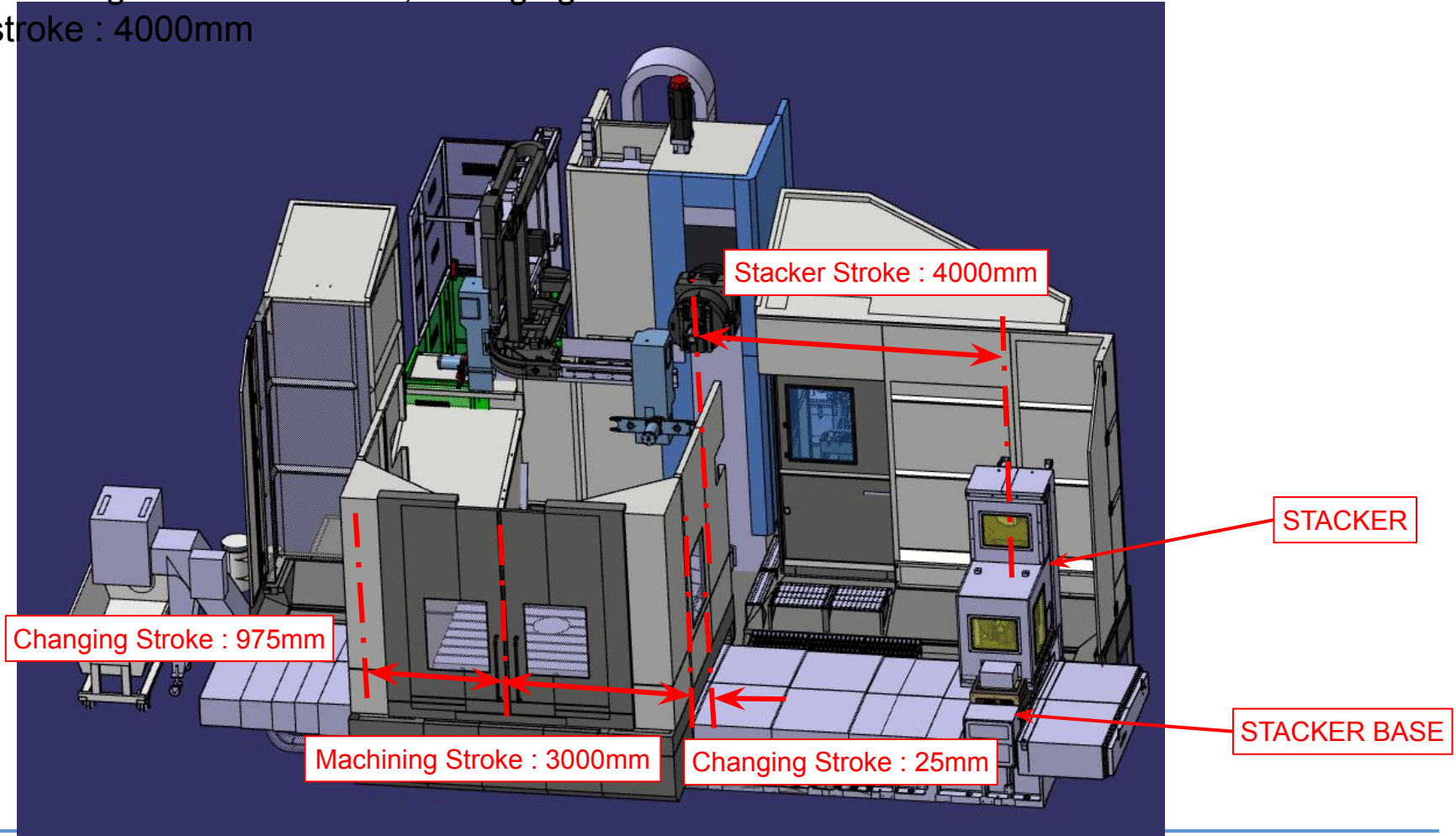
- Stacker Position : Outside of Splash guard
- Table size : 1600mm X 1800mm / Max. Swing of Workpiece : $\Phi 2700$ mm
- Stacker will transferred by X axis base when changing the D'andrea U-Head
- X axis machining stroke : 2000mm, Changing stroke : 25mm & 975mm
- Stacker stroke : 3000mm



D'andrea Auto Changing System Configuration; DBC 130L II



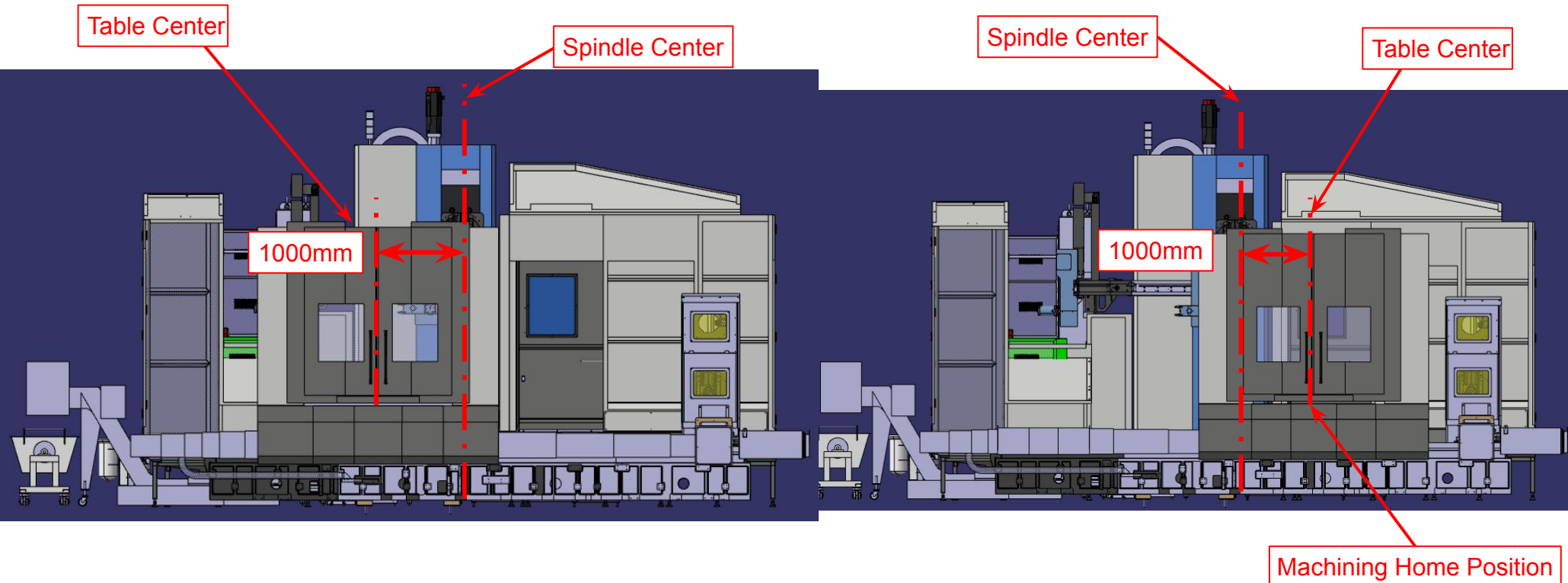
- Stacker Position : Outside of Splash guard
- Table size : 1600mm X 1800mm / Max. Swing of Workpiece : $\Phi 3400$ mm
- Stacker will transferred by X axis base when changing the D'andrea U-Head
- X axis machining stroke : 3000mm, Changing stroke : 25mm & 975mm
- Stacker stroke : 4000mm



D'andrea Auto Changing System Configuration ; Machining Stroke; DBC 130 II



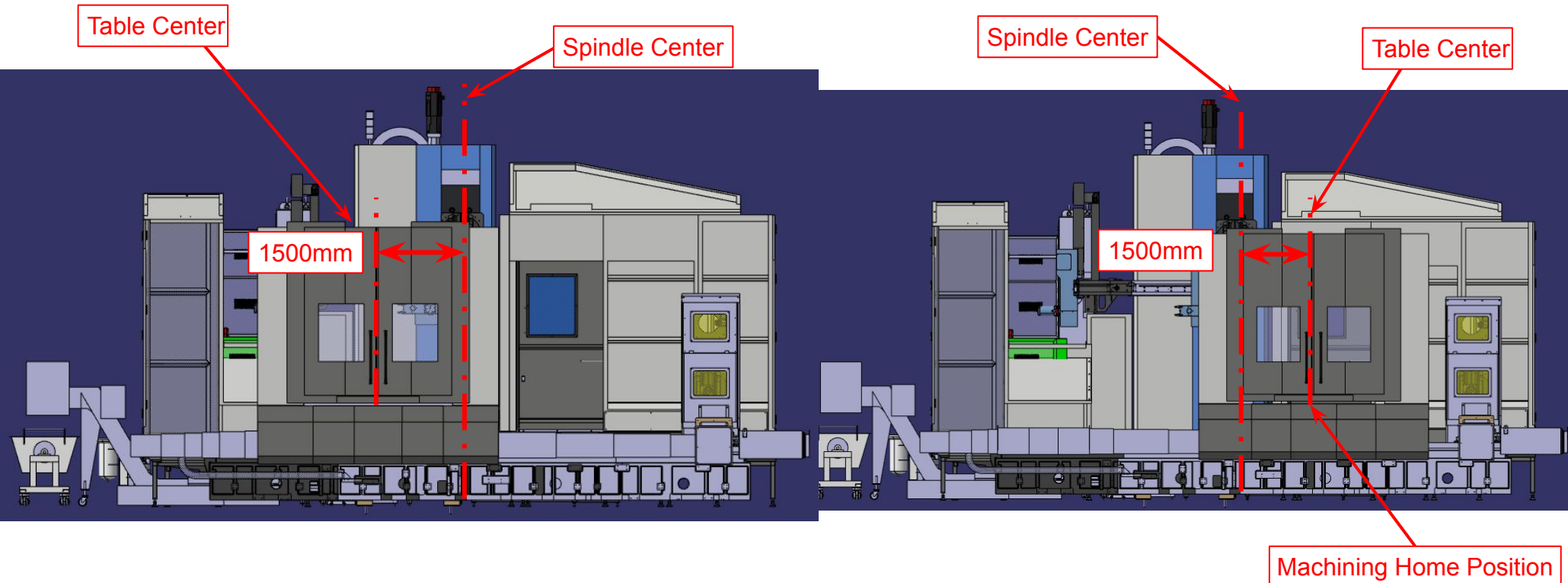
- Table size : 1600mm X 1800mm / Max. Swing of Workpiece : $\Phi 2700$ mm
- Stacker don't move when machining
- X axis machining stroke : 2000mm



D'andrea Auto Changing System Configuration ; Machining Stroke; DBC 130L II



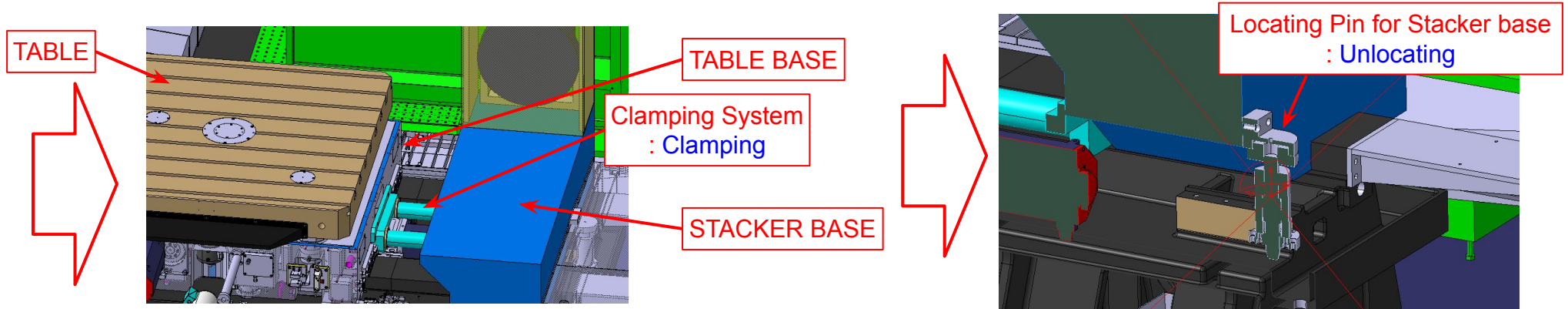
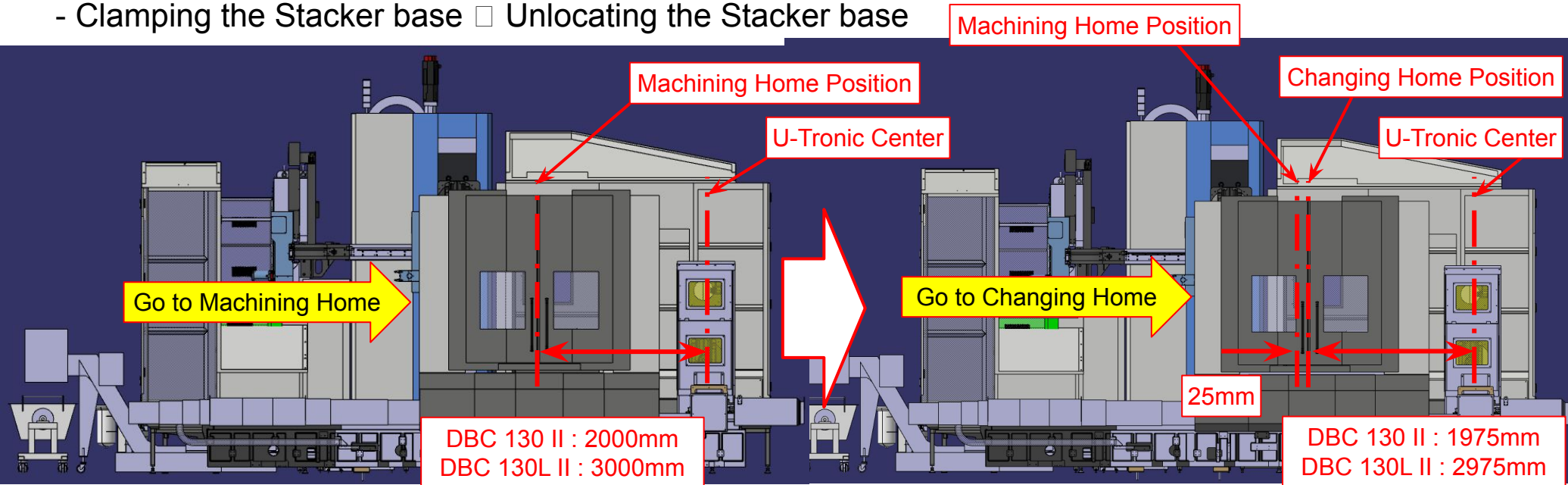
- Table size : 1600mm X 1800mm / Max. Swing of Workpiece : $\Phi 3400$ mm
- Stacker don't move when machining
- X axis machining stroke : 3000mm



D'andrea Auto Changing System Configuration ; Sequence of U-head Changing



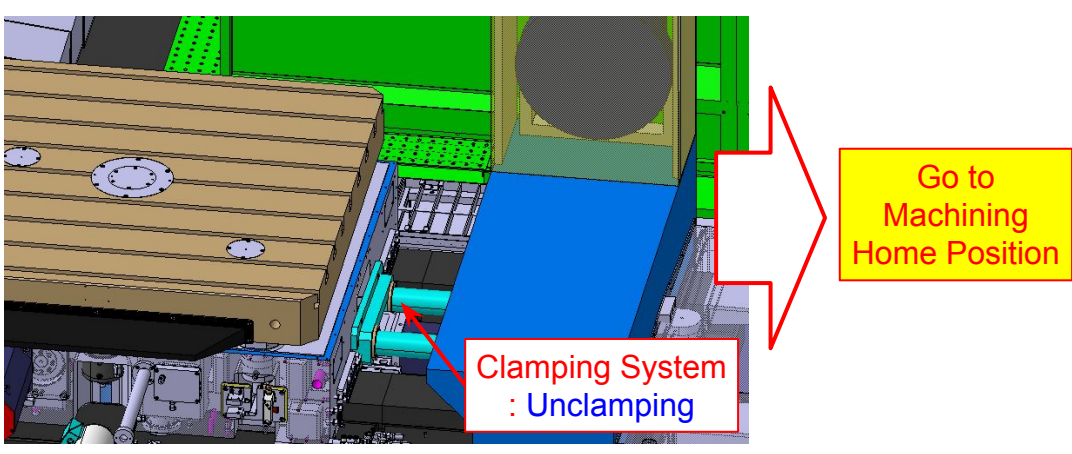
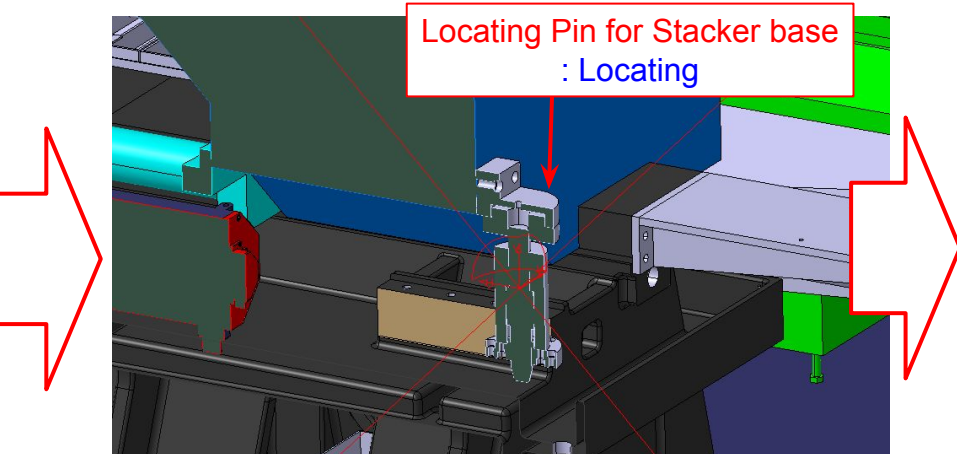
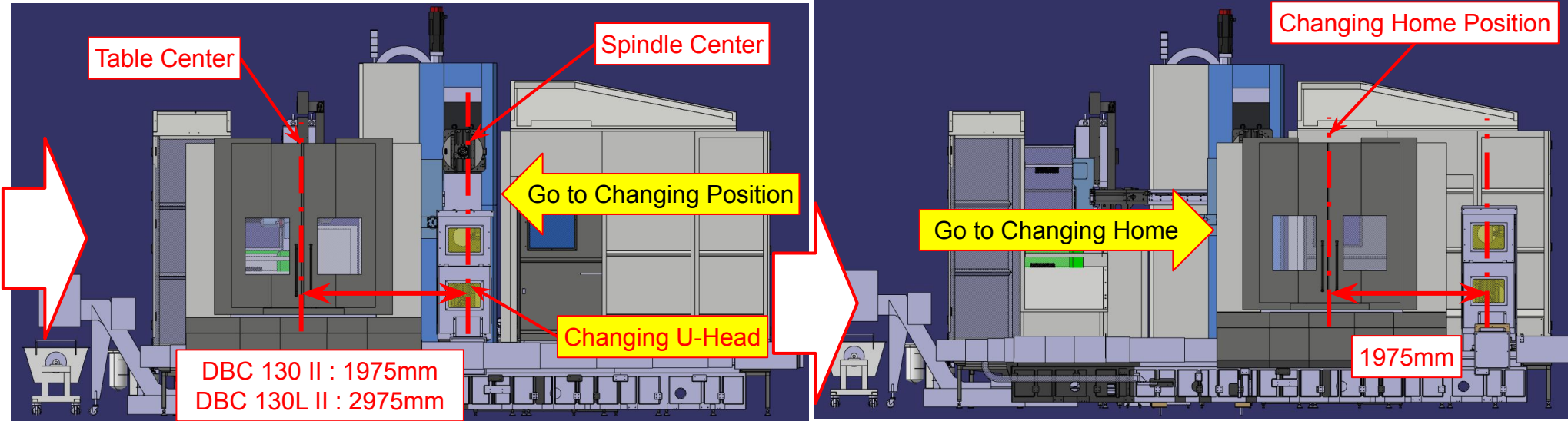
- Go to Machining Home Position
- Move to Changing Home Position : 25mm
- Clamping the Stacker base □ Unlocating the Stacker base



D'andrea Auto Changing System Configuration ; Sequence of U-head Changing



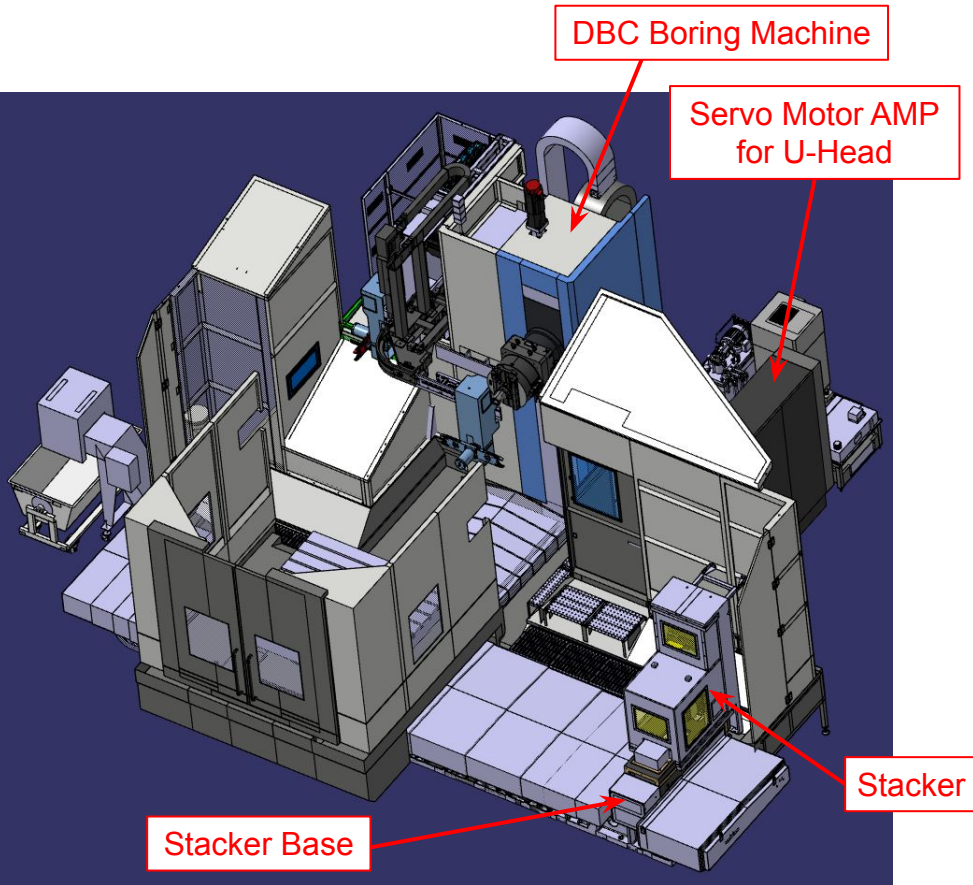
- Go to Changing Position □ Changing U-Head
- Go to Changing Home Position
- Unclamping the Stacker base □ Locating the Stacker base □ Go to Machining Home Position



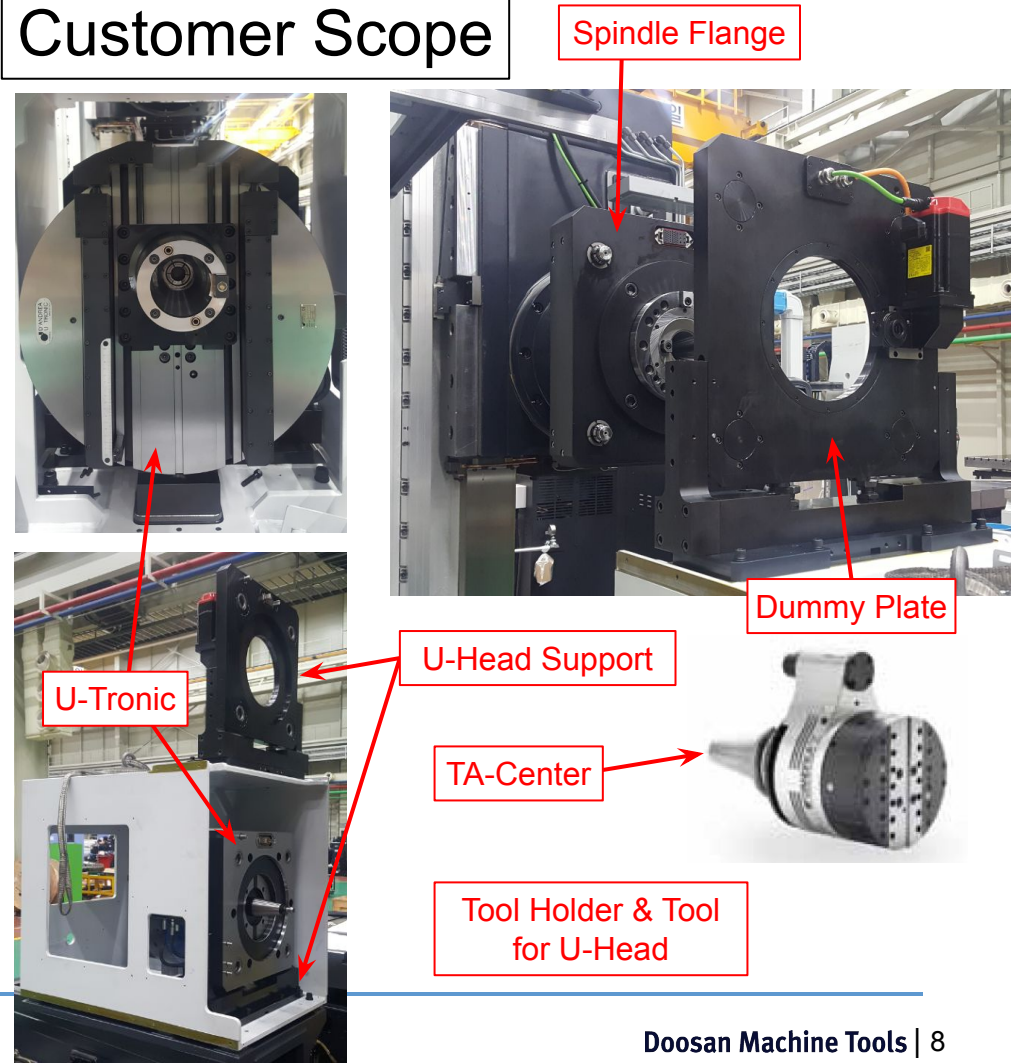


- Doosan Scope : DBC Boring Machine, Stacker & Stacker Base, Servo Motor AMP for U-Head
- Customer Scope : U-Tronic (& TA-Center), Dummy Plate, U-Head Support, Spindle Flange
Tool Holder & Tool for U-Head

Doosan Scope



Customer Scope



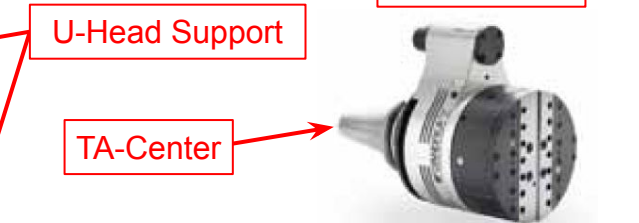
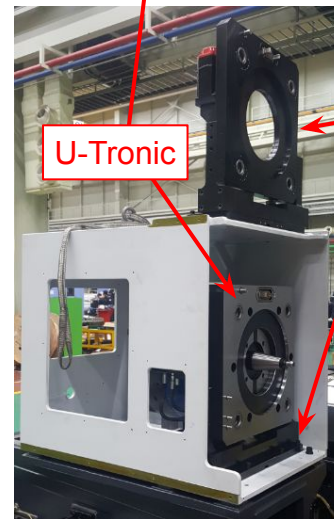
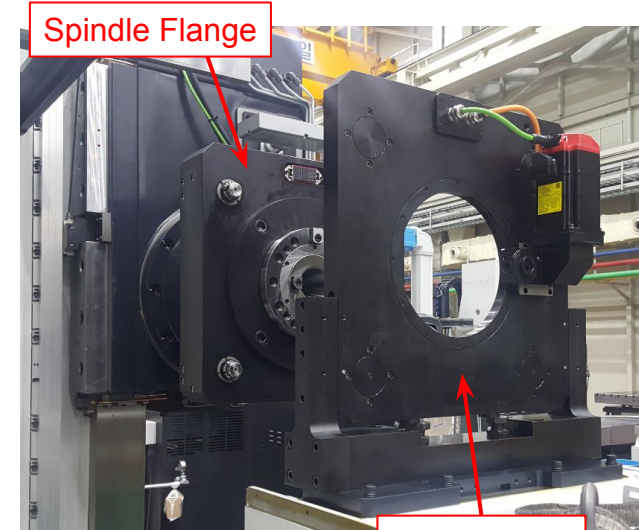
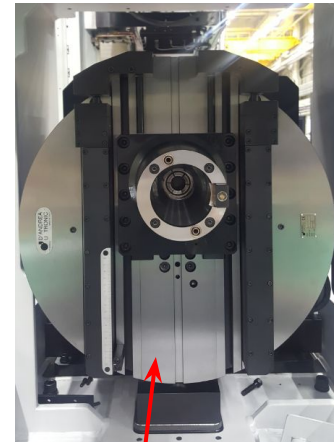
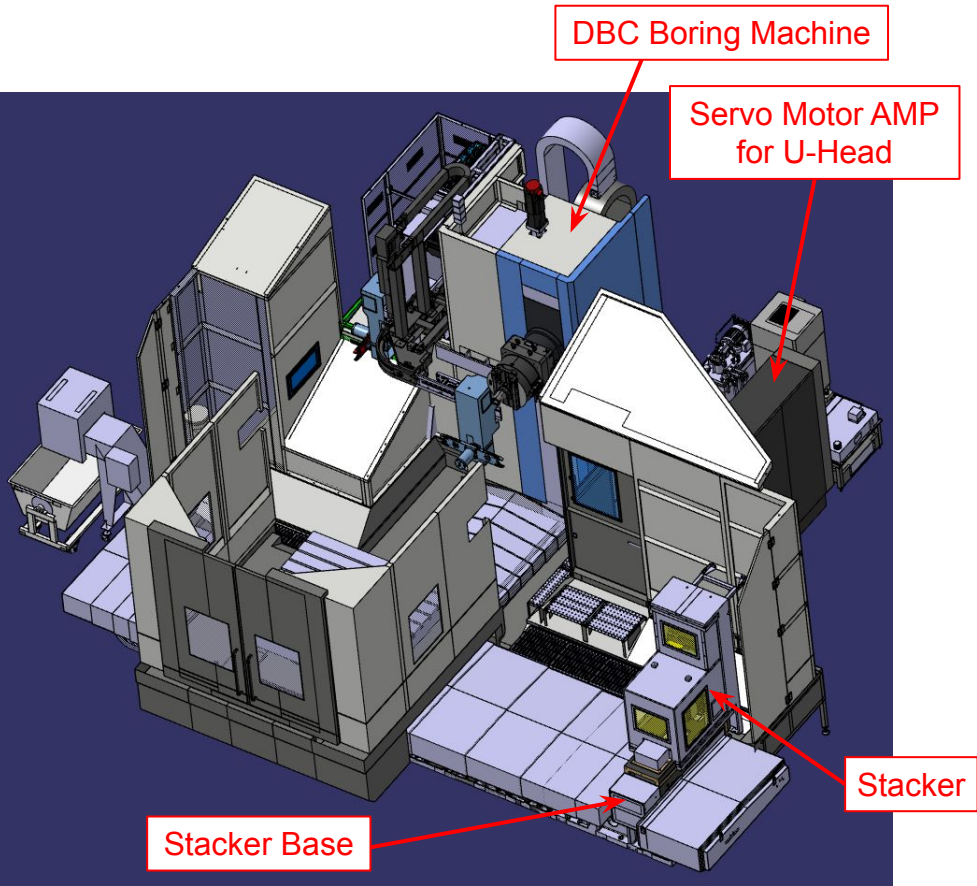
Supply Scope ; Full package

※ Consult with Doosan R&D about detail specification



- Doosan Scope : DBC Boring Machine, Stacker & Stacker Base, Servo Motor AMP for U-Head U-Tronic (& TA-Center), Dummy Plate, U-Head Support, Spindle Flange
- Customer Scope : Tool Holder & Tool for U-Head

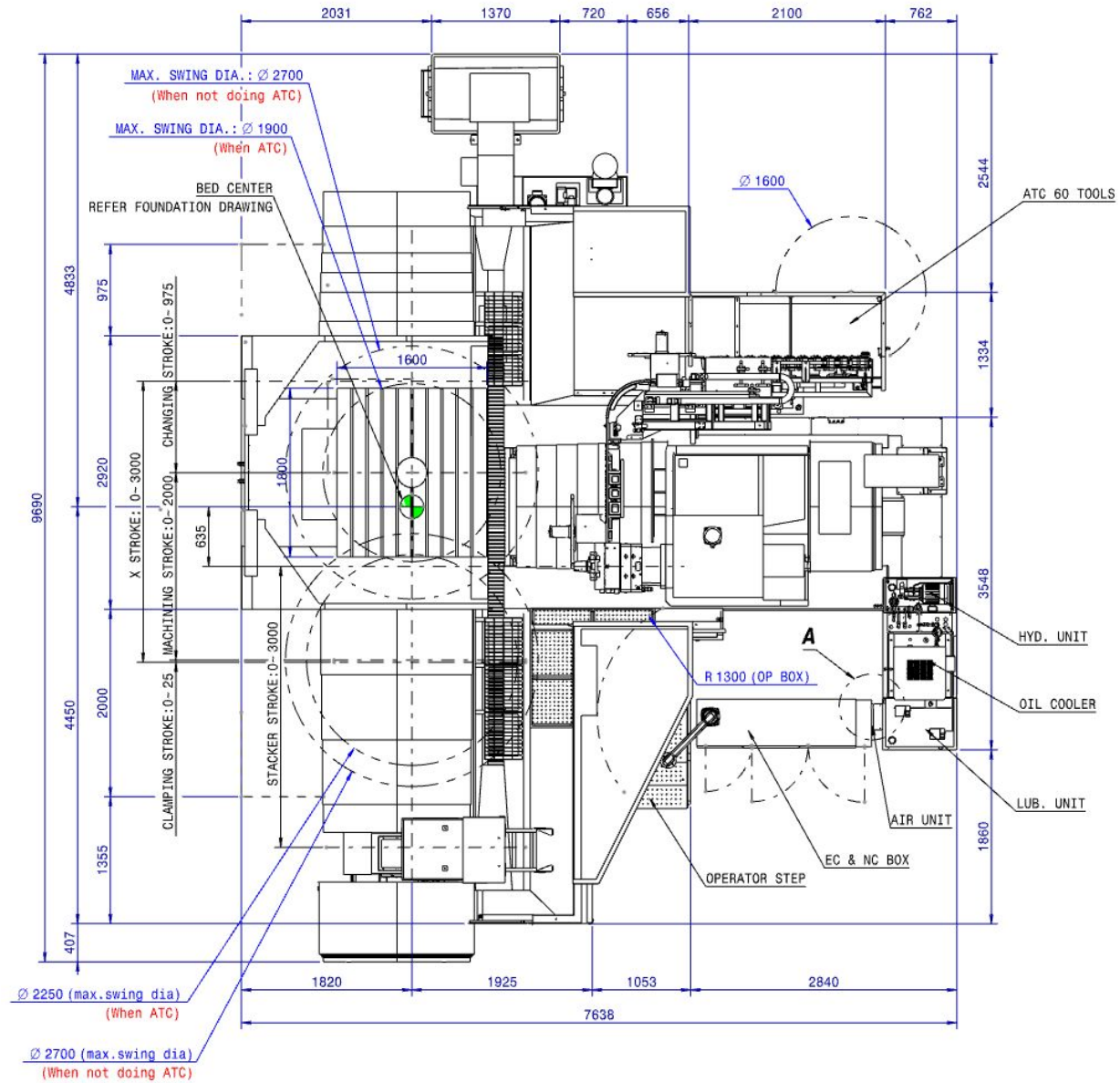
Doosan Scope



Customer Scope

Tool Holder & Tool for U-Head

Machine Layout ; DBC 130 II



Machine Layout ; DBC 130L II

