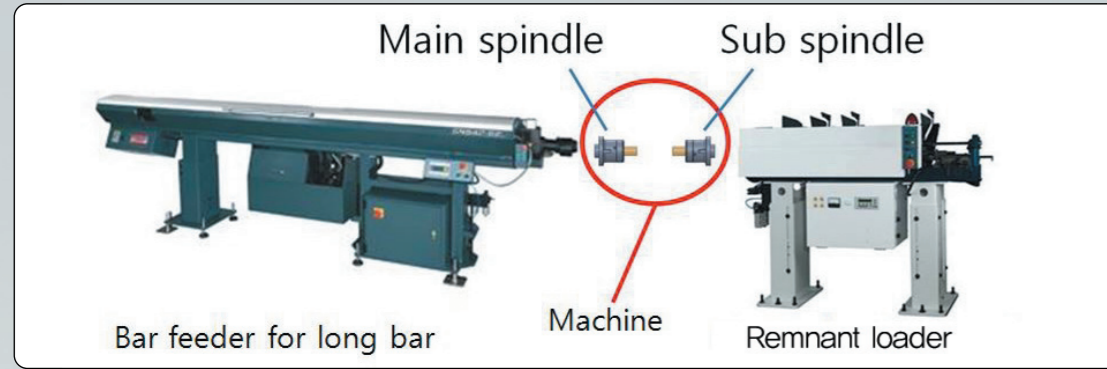


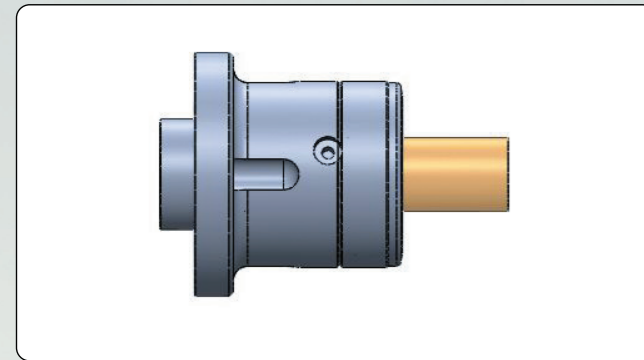
## Long Bar, Remnant in Common

- One spindle install bar feeder for long bar,
- The other install remnant loader for machining remnant
- Both applicable on same time
- Increase profit through re-machining of remnant

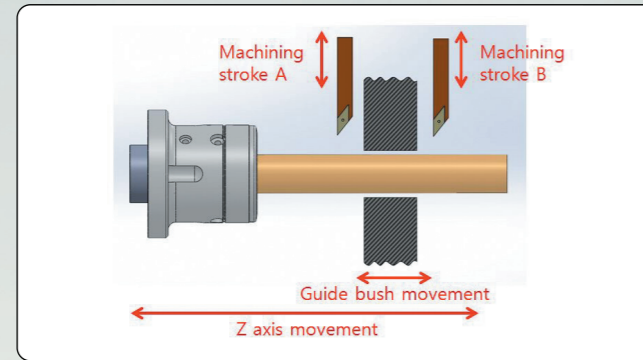


## GUIDE BUSH Applicable

- Guide Bush position will vary according to turning necessity.
- High accuracy machining for Long bar

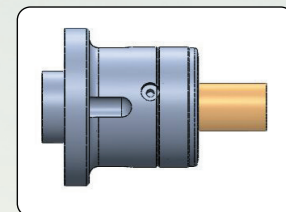


• Free End Machining •

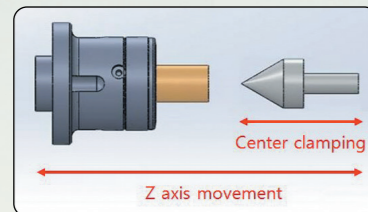


• Guide Bush Machining •

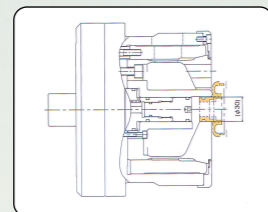
## Custom Tooling



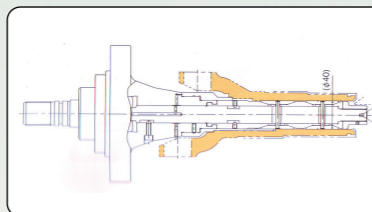
• Free End Machining •



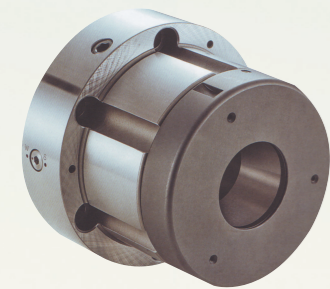
• Center Machining •



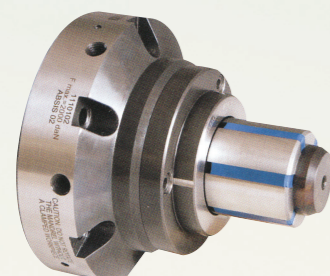
• Collet Chuck Static Type •



• Collet Chuck Pull Type •



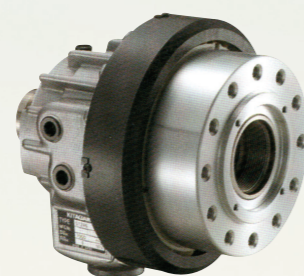
• COLLET •



• MANDREL •



• Power Chuck •



• Hyd' Chucking Cyl' •

Specification		Model			Remark
Item	Detail Item	MG42	MG51	MG67	
● Capability	Max Machin'g	42mm	51mm	67mm	
	Spindle travel	450mm	450mm	450mm	
● Construction	No of Spindle	2 sets (Main/Sub)			
	Gang Slide	2 sets (Main/Sub)			
	Control Axes	From 8 axes to 12 axes			
● OD tools	No. of tools	7 ea (main/sub)			
	Tool shank	25 x 25mm	25 x 25mm	25 x 25mm	
● ID Tools	Front tool sleeve	from 5ea to 7ea (main/sub)			
	Max Drill'g capability	16mm	16mm	16mm	
	Max Tap'g Capability	M12	M12	M12	
● Power Driven tools	Cross (Main)	4 ea			
	Front (Main)	4 ea			
	Front (Sub)	4 ea (OPT)			
	Cross (Sub)	4 ea (OPT)			
	Motor Power	2,2KW	2,2KW	2,2KW (3,0 OPT)	
	RPM	4,000	4,000	4,000	
● Special Tool (OPT)	Add Control axis	Install on Gang Slide			
● Slide	Basic	Main Z1, X1, Y1 Sub Z2, X2, Y2			
	3rd Gang Slide	3rd path Z3, X3, Y3			
● Main Spindle	Index angle	0,001 C-axis	0,001 C-axis	0,001 C-axis	
	RPM	6,000	6,000	5,000	
	Motor Power	5,5KW (7,5KW OPT)	7,5KW (11KW OPT)	7,5KW (11KW OPT)	
● Sub Spindle	Index angle	0,001 C-axis	0,001 C-axis	0,001 C-axis	
	RPM	6,000	6,000	5,000	
	Motor Power	5,5KW	5,5KW (7,5KW OPT)	7,5KW (11KW OPT)	

※ Specification can be for performance improvement

### Standard Accessories

1. Main Spindle Chuck sleeve
2. Sub Spindle Chuck sleeve
3. Spindle C-axis control (Main & Sub)
4. Spindle clamp unit (Main & Sub)
5. 6 station OD Bite Holder (Main & Sub)
6. 5 position sleeve holder for ID Tools (Main & Sub)
7. 4 Cross Drill for main (Integrated type)
8. 4 Front rotation tools (Main & Sub)
9. Pneumatic Unit
10. Hydraulic unit
11. Automatic centralized lubrication unit
12. Broken cut off tool detector
13. Work light
14. Parts ejector for sub spindle
15. Parts catcher for sub spindle
16. Parts conveyor for sub spindle
17. Bar feeder interface

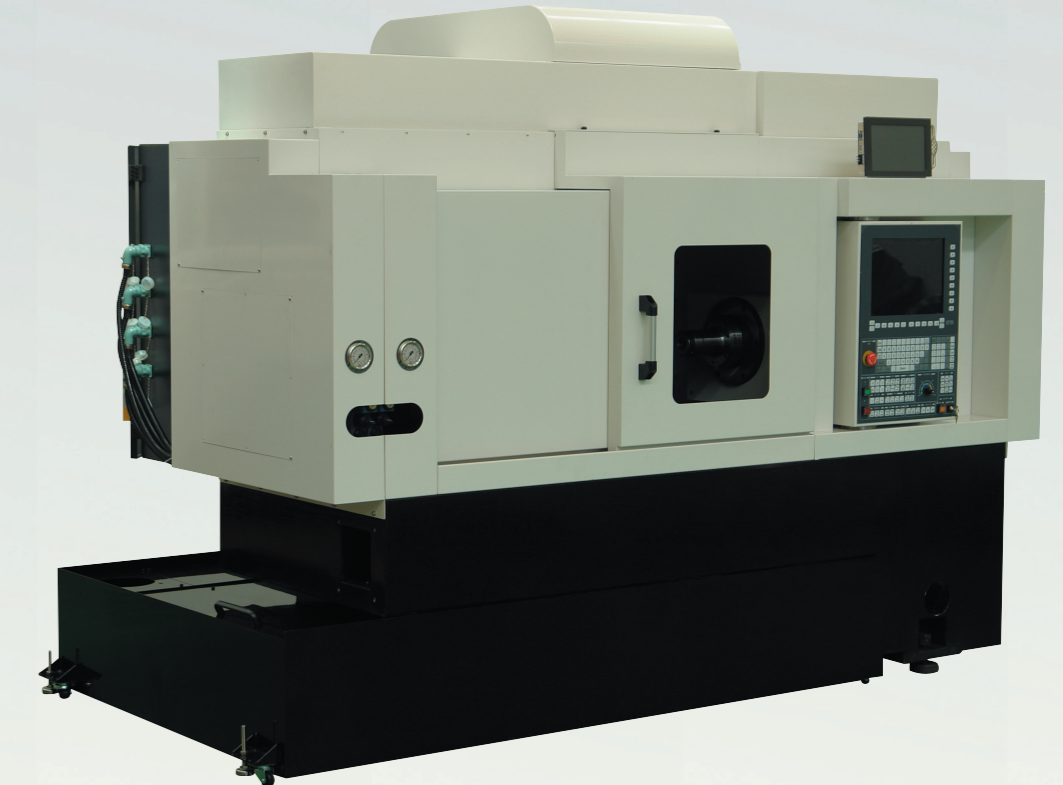
### Optional Accessories

1. 4 Cross drill for sub spindle (integrated type)
2. 4 Front drill for sub spindle (integrated type)
3. Power driven tools with B axis for main & sub
4. Modular Tooling (Main & Sub)
5. Special tooling
6. Coolant flow detector
7. Bar feeder
8. M-code oil blow
9. High pressure coolant
10. Chip conveyor
11. Chip box
12. Auto fire extinguisher
13. Mandrel chuck for ID chucking
14. Power chuck for forged parts
15. Power chuck for ID chucking
16. Auto loader for forged parts
17. Stocker for forged parts
18. Re-machining system for short material from guide bush machine
19. Additional Tool Slide (3 path)

CNC SWISS TURN

# MG42 / MG51 / MG67

## 2 SPINDLE / 2 GANG SLIDE



MEPLETE INDUSTRY [www.meplete.com](http://www.meplete.com)

9, Seonggok-ro 146beon-gil, Danwon-gu, Ansan-si, Gyeonggi-do 425-834, Korea  
T. 82-2-578-5460, 070-8680-8420 F. 82-2-578-5462 E-mail. sales@meplete.com

MECHANICAL COMPLETE

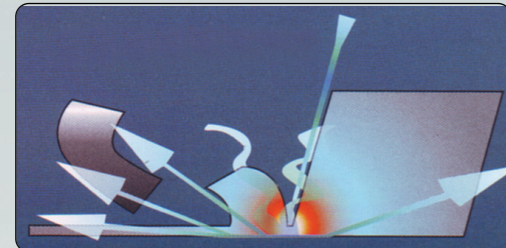
# MG42 / MG51/ MG67

## STEEL & ALLOY APPLICATION

- High Power Moter (Standard Configuration)
- High Pressure Coolant System



· High Pressure Coolant System ·

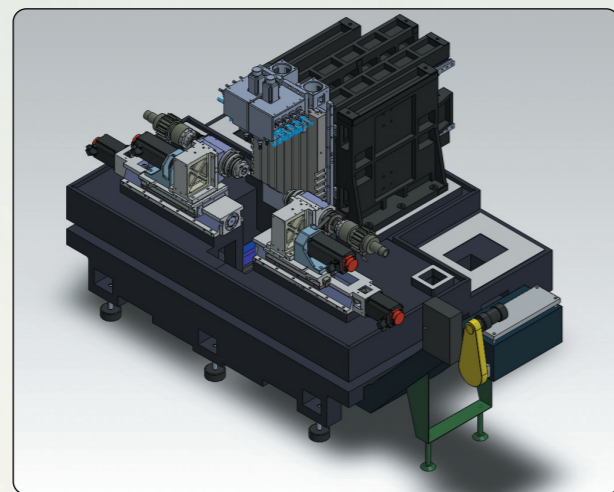
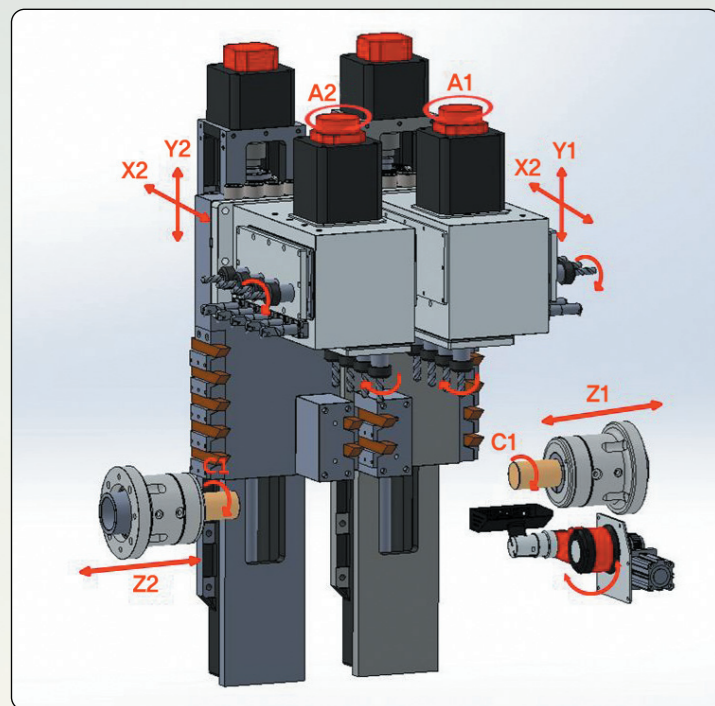


· Coolant System Impact ·

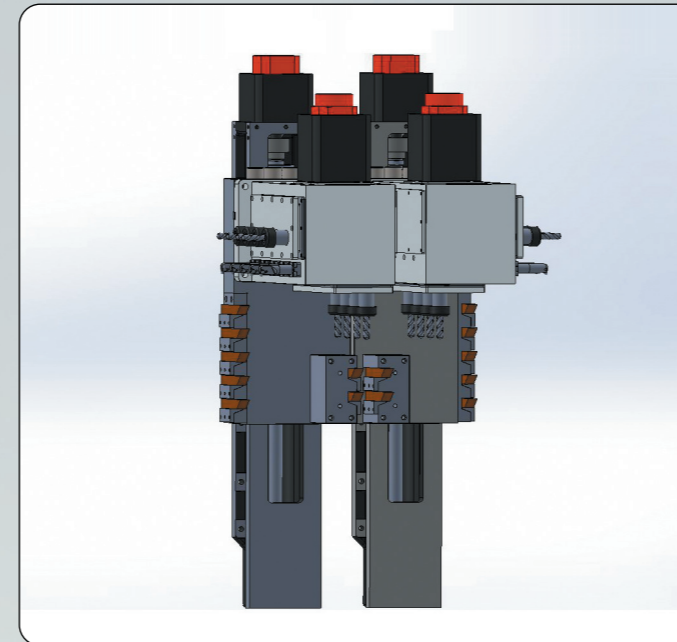


· SUS Chip ·

## CONTROL AXES



## STANDARD (with Power Tool)



### Main Spindle

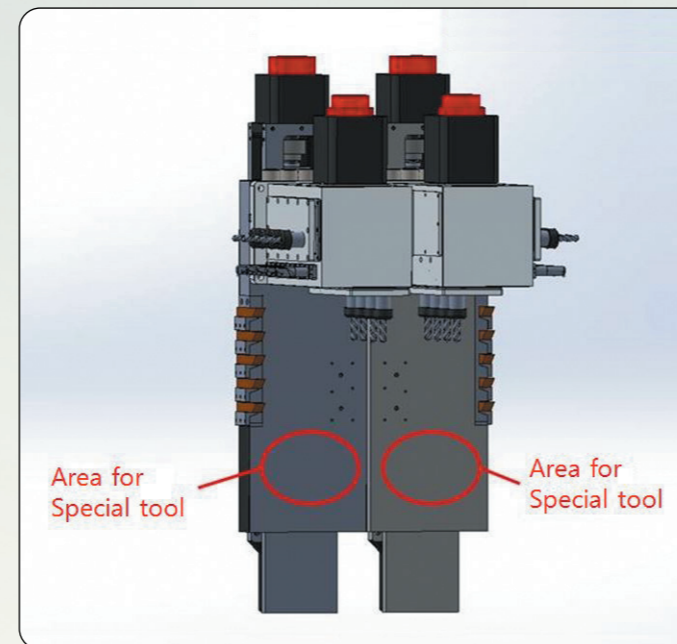
OD Tools		7 ea (25x25)
ID Tools (Sleeve Holder)		5 ea
Power Tool	Cross Drill	4 ea
	Front Drill	4 ea
	Long Hole Drill (OPT)	2 ea

### Sub Spindle

OD Tools		7 ea (25x25)
ID Tools (Sleeve Holder)		5 ea
Power Tool	Cross Drill (OPT)	4 ea
	Front Drill (OPT)	4 ea

## LONG STROKE TYPE (for Special Tool Application)

- for Installing Special Tool like Angle Machining



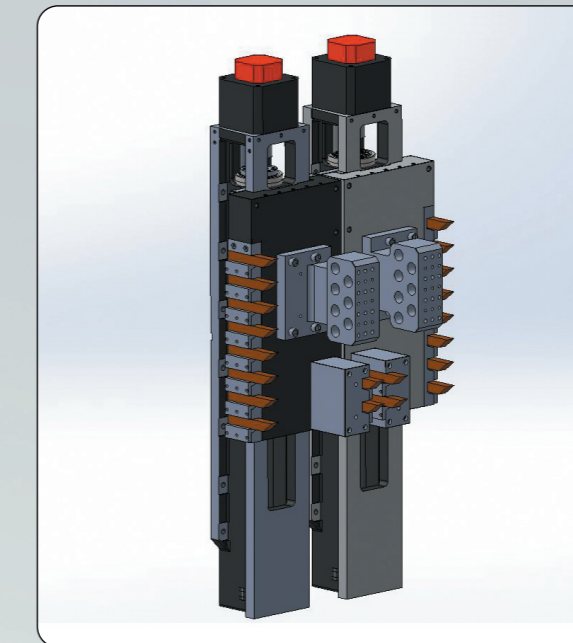
### TOOLS for Main Spindle

OD Tools		7 ea (25x25)
ID Tools (Sleeve Holder)		5 ea
Power Too	Cross Drill	4 ea
	Front Drill	4 ea
	Special Tool (Hobbing, Angle Turn etc)	

### TOOLS for Sub Spindle

OD Tools		7 ea (25x25)
ID Tools (Sleeve Holder)		5 ea
Power Tool	Cross Drill (OPT)	4 ea
	Front Drill (OPT)	4 ea
	Special Tool (Rolling, Turning Axes, etc)	

## TURNING TYPE (Without Power Tools)



### TOOLS for Main Spindle

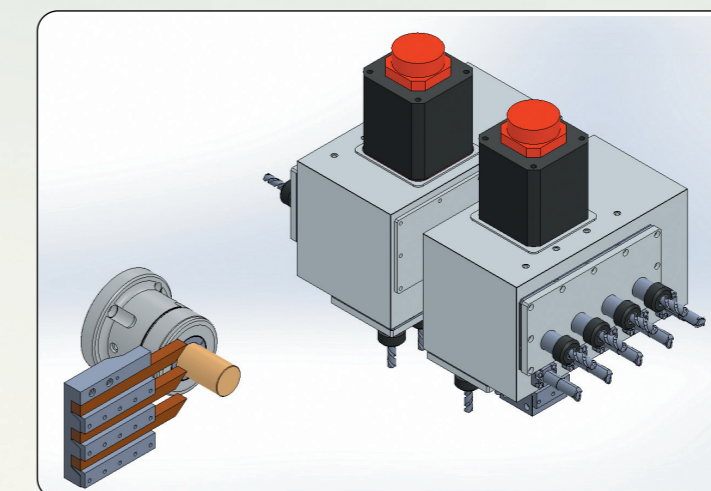
OD Tools		10 ea
ID Tools (Sleeve Holder)		7 ea

### TOOLS for Sub Spindle

OD Tools		10 ea
ID Tools (Sleeve Holder)		7 ea

## 3rd GANG SLIDE type (Simultaneous Turning for CT reduction)

- This slide is good to machine simultaneously with first gang slide.
- Simultaneous machining for CT reduction
- Special Tool is applicable for Special Application



### 3rd GANG SLIDE (OPT)

OD Tool		3 ea (25x25)
or Rotation Tool		2 ea
or Special Tool		