

# PO LY GIM



*CNC LATHE*



*Series*



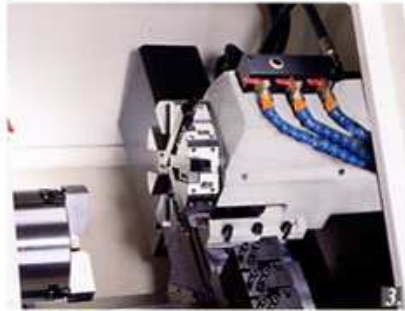
*SIMPLICITY • PRECISION • SPEED • DURABILITY • STABILITY*

**PO LY GIM MACHINERY CO., LTD.**

CNC LATHE SERIES

**COMPACT, HUMANIZED DESIGN**

**GOOD FOR MASS PRODUCTION !**



- 1 Gang type tools makes tool change easily.
- 2 Wide chip conveyor to offer good chip removal.
- 3 Optional 8-station turret, offer more flexiabe operation.
- 4 Part catcher to offer automatic operation.

CNC LATHE SERIES

**HIGH RIGIDITY DESIGN**

**GOOD FOR HEAVY CUTTING !**



MODEL: **PLG-52**



**Part Catcher**



**Chip Conveyor**



**Tail Stock**

Programmable quill with stroke 100mm and MT4 taper.

CNC LATHE SERIES



MODEL: **PLG-60**



Fixed holder



Adjustable on high or low holder



Degree revolvable holder



Single-hole Side drilling holder



Double-hole Side drilling holder

**Power Tools Series**  
*another Hydraulic system is standard. Option with any power tools. To do special drill working.*

### MACHINE SPECIFICATIONS

ITEM	PLG-42	PLG-42L	PLG-52	PLG-60
Max. manufacturing dia (mm)	130		300	380
Ma. manufacturing length (mm)	160		480	480
Swing over cross slide (mm)	160		200	220
Max. cross travel (X axis mm)	230	300	320	320
Max. longitudinal travel (Z axis mm)	300		560	560
Bore of spindle (mm)	55		60	85
Max. bar feeding dia (mm)	42		52	75
Spindle nose	A2-5		A2-6	A2-6
Hydraulic chuck (inch)	6"		8"	10"
Spindle motor	5.5 kw/7.5H.P		7.5 kw/10 H.P.	11.5 kw/15 H.P.
Spindle speed range (rpm)	100-6000 r.p.m.		100-4000 r.p.m.	100-3500 r.p.m.
Rapid traverse speed (X, Z axis)	16 m/min		12 m/min	12 m/min
Min. input unit (mm)	0.001		0.001	0.001
Cutting tool size	□ 20 mm		□20 mm/□25mm	□ 25mm
Max. bore size of tool	Ø25 mm		Ø32 mm	Ø32 mm
Coolant pump motor	1/4 H.P.		1/4 H.P.	1/4 H.P.
Machine size (LxWxH) mm	2440x1260x1830	1990x1480x1830	3200x1860x1850	3200x1860x1850
Machine net weight (kgs)	1780		3000	3180

• PO LY GIM Machine Co., Ltd. and it's association reserves the right to alter any mechanical specification without prior notice in the interest of product development.

### STANDARD ACCESSORIES

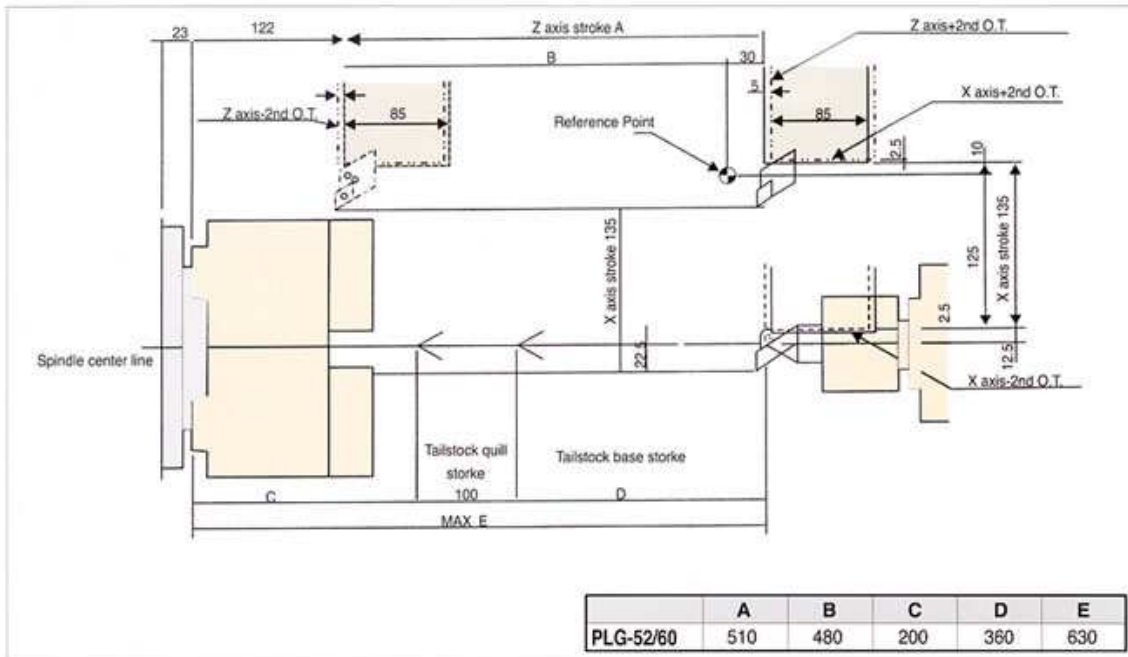
- |                         |       |                         |                     |
|-------------------------|-------|-------------------------|---------------------|
| • 3-jaw hydraulic chuck | 1 pc  | • Gang type tool disc   | 1 pc                |
| • Foot chuck-switch     | 1 pc  | • Tool holder up base   | 2 pcs               |
| • Lighting device       | 1 pc  | • Tool holder down base | 2 pcs               |
| • Tools & tool box      | 1 set | • Tool holder bushing   |                     |
| • Coolant device        | 1 set | 8/10/12/16/20mm         | 2 PC/EA ( 42 )      |
| • Base block            | 4 pcs | 10/12/16/20/25mm        | 2 PC/EA ( 52 / 60 ) |

### OPTIONAL ACCESSORIES

- |                     |                                       |
|---------------------|---------------------------------------|
| • 8-position turret | • Part catcher                        |
| • Chip conveyer     | • Part conveyor                       |
| • Chip bucket       | • Tail Stock ( only for 52/60 model ) |

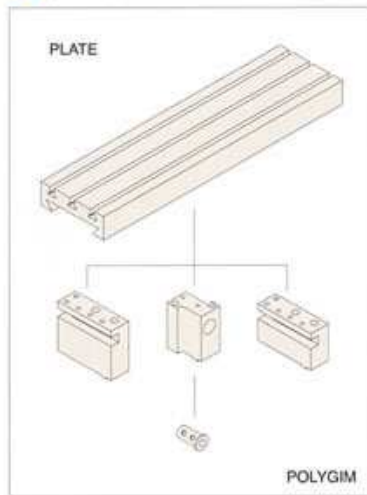
Remark : If option turret will no accessery with tool holders.

**TOOLING DIAGRAM**

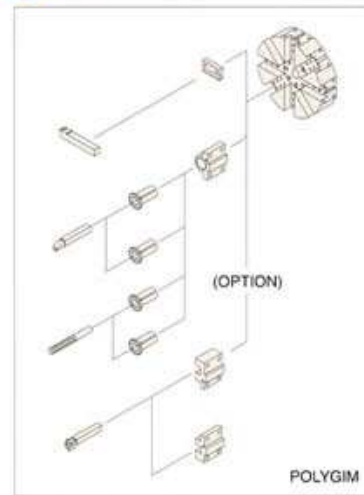


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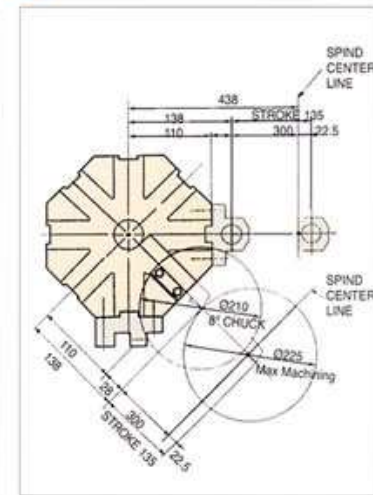
**GANG**



**TURRET**



**WORKING RANGE**



**PO LY GIM**

PO LY GIM MACHINERY CO., LTD.

AGENT: