



**GALAXY**<sup>TM</sup>  
High Stamina, High Precision

# LASER CUTTING MACHINE S E R I E S

High Stamina, High precision



- LASER CUTTING MACHINE
- LASER WELDING MACHINE
- LASER WELDING AUTOMATION

- CNC TUBE CUTTING MACHINE
- CNC PLAZMA CUTTING MACHINE
- CNC PRESS BRAKE BENDING MACHINE



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# LASER CUTTING MACHINE

## Exchange Table with Encloser

### PLUTO SERIES



## SPECIFICATION:

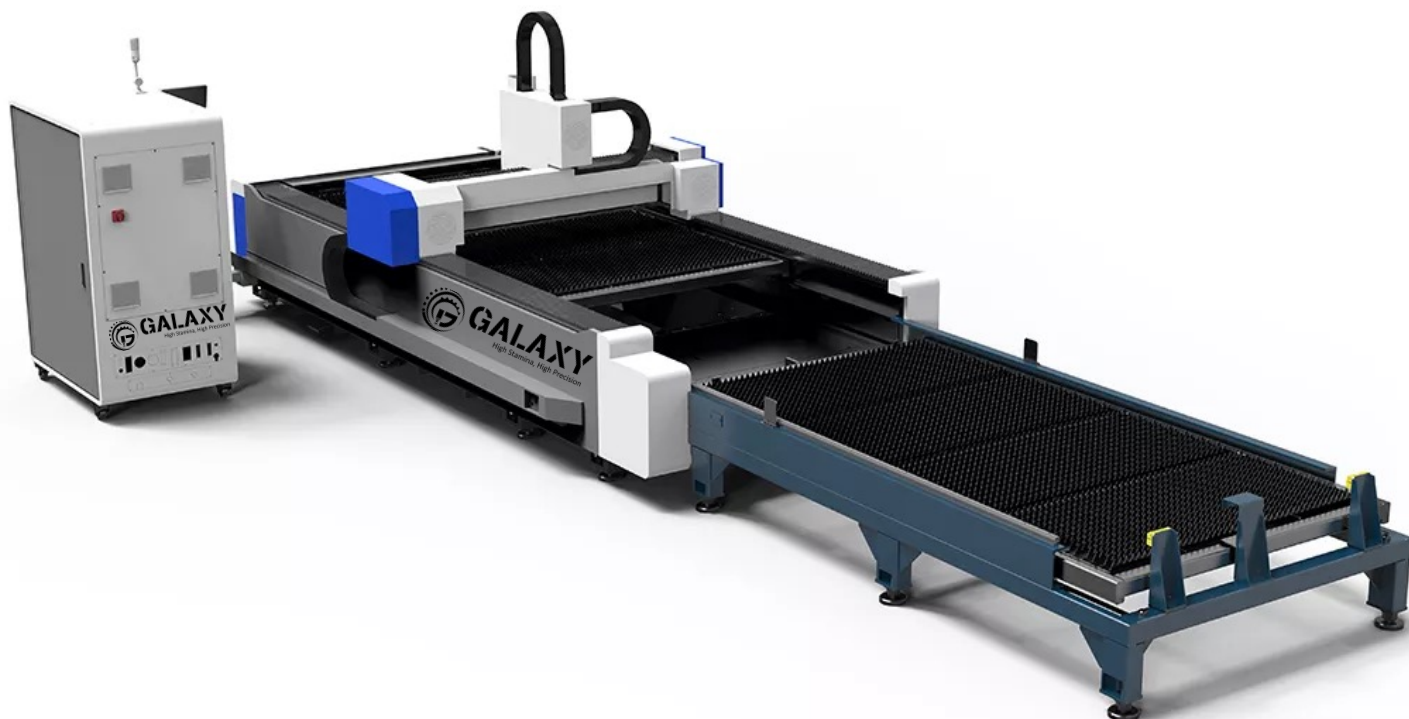
| Name                                | 3015                       | 2040                           | 2060                           |
|-------------------------------------|----------------------------|--------------------------------|--------------------------------|
| Working table area                  | 1500 X 3000 (mm)           | 2000 x 4000 (mm)               | 2000 x 6000 (mm)               |
| Laser Source                        | Max / Raycus               | Max / Raycus                   | Max / Raycus                   |
| Power Capacity (W)                  | 1500/2000/3000/4000        | 1500/2000/3000/4000/6000/12000 | 1500/2000/3000/4000/6000/12000 |
| Wavelength                          | 1070-1080 (nm)             | 1070-1080 (nm)                 | 1070-1080 (nm)                 |
| CNC Control System                  | Cypcut                     | Cypcut                         | Cypcut                         |
| Servo motor                         | Yaskawa / Delta / Inovance | Yaskawa / Delta / Inovance     | Yaskawa / Delta / Inovance     |
| Laser Cutting head                  | Bochu                      | Bochu                          | Bochu                          |
| Max Movement Speed                  | 120 (m/Min)                | 120 (m/Min)                    | 120 (m/Min)                    |
| Positioning Accuracy (X and Y Axis) | ± 0.03 (mm)                | ± 0.03 (mm)                    | ± 0.03 (mm)                    |
| Repeat Accuracy (X and Y Axis)      | 0.025 (mm)                 | 0.025 (mm)                     | 0.025 (mm)                     |
| X Axis                              | 1550 (mm)                  | 2050 (mm)                      | 2050 (mm)                      |
| Trip Movement Axis Y                | 3050 (mm)                  | 4050 (mm)                      | 6050 (mm)                      |
| Z Axis                              | 285 (mm)                   | 285 (mm)                       | 285 (mm)                       |
| Power Supplies                      | 3-Phase AC 415V            | 3-Phase AC 415V                | 3-Phase AC 415V                |
| Machine Weight                      | 7200 (Kg)                  | 8300 (Kg)                      | 15800 (Kg)                     |
| Machine dimensions (L x W x H)      | 8800x4100x2300 (mm)        | 10800x4800x2300 (mm)           | 15000x4800x2300 (mm)           |



# LASER CUTTING MACHINE

## Exchange Table With Open Body

### JUPITER SERIES



## SPECIFICATION:

| Name                                | 3015                       | 2040                           | 2060                           |
|-------------------------------------|----------------------------|--------------------------------|--------------------------------|
| Working table area                  | 1500 X 3000 (mm)           | 2000 x 4000 (mm)               | 2000 x 6000 (mm)               |
| Laser Source                        | Max / Raycus               | Max / Raycus                   | Max / Raycus                   |
| Power Capacity (W)                  | 1500/2000/3000/4000        | 1500/2000/3000/4000/6000/12000 | 1500/2000/3000/4000/6000/12000 |
| Wavelength                          | 1070-1080 (nm)             | 1070-1080 (nm)                 | 1070-1080 (nm)                 |
| CNC Control System                  | Cypcut                     | Cypcut                         | Cypcut                         |
| Servo motor                         | Yaskawa / Delta / Inovance | Yaskawa / Delta / Inovance     | Yaskawa / Delta / Inovance     |
| Laser Cutting head                  | Bochu                      | Bochu                          | Bochu                          |
| Max Movement Speed                  | 120 (m/Min)                | 120 (m/Min)                    | 120 (m/Min)                    |
| Positioning Accuracy (X and Y Axis) | ± 0.03 (mm)                | ± 0.03 (mm)                    | ± 0.03 (mm)                    |
| Repeat Accuracy (X and Y Axis)      | 0.025 (mm)                 | 0.025 (mm)                     | 0.025 (mm)                     |
| X Axis                              | 1550 (mm)                  | 2050 (mm)                      | 2050 (mm)                      |
| Y Axis                              | 3050 (mm)                  | 4050 (mm)                      | 6050 (mm)                      |
| Z Axis                              | 285 (mm)                   | 285 (mm)                       | 285 (mm)                       |
| Power Supplies                      | 3-Phase AC 415V            | 3-Phase AC 415V                | 3-Phase AC 415V                |
| Machine Weight                      | 6400 (Kg)                  | 7300 (Kg)                      | 14600 (Kg)                     |
| Machine dimensions (L x W x H)      | 8500x4100x2000 (mm)        | 10800x4800x2000 (mm)           | 15000x4800x2000 (mm)           |



# LASER CUTTING MACHINE

## Single Table

### MARS SERIES



## SPECIFICATION:

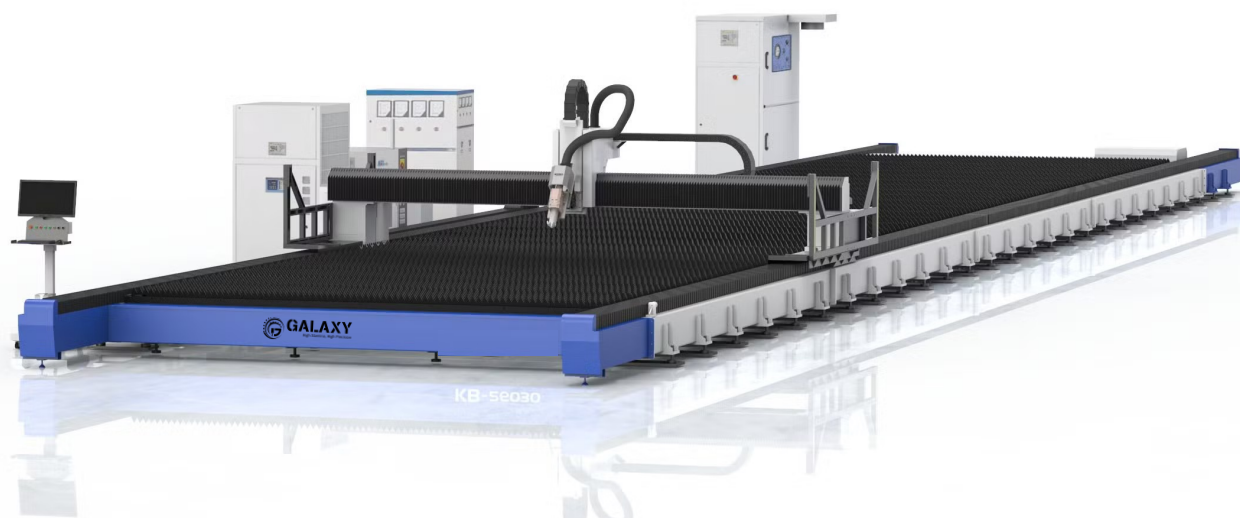
| Name                                | 3015                       | 2040                           | 2060                           |
|-------------------------------------|----------------------------|--------------------------------|--------------------------------|
| Working table area                  | 1500 X 3000 (mm)           | 2000 x 4000 (mm)               | 2000 x 6000 (mm)               |
| Laser Source                        | Max / Raycus               | Max / Raycus                   | Max / Raycus                   |
| Power Capacity (W)                  | 1500/2000/3000/4000        | 1500/2000/3000/4000/6000/12000 | 1500/2000/3000/4000/6000/12000 |
| Wavelength                          | 1070-1080 (nm)             | 1070-1080 (nm)                 | 1070-1080 (nm)                 |
| CNC Control System                  | Cypcut                     | Cypcut                         | Cypcut                         |
| Servo motor                         | Yaskawa / Delta / Inovance | Yaskawa / Delta / Inovance     | Yaskawa / Delta / Inovance     |
| Laser Cutting head                  | Bochu                      | Bochu                          | Bochu                          |
| Max Movement Speed                  | 80 (m/Min)                 | 100 (m/Min)                    | 100 (m/Min)                    |
| Positioning Accuracy (X and Y Axis) | ± 0.03 (mm)                | ± 0.03 (mm)                    | ± 0.03 (mm)                    |
| Repeat Accuracy (X and Y Axis)      | 0.025 (mm)                 | 0.025 (mm)                     | 0.025 (mm)                     |
| X Axis                              | 1550 (mm)                  | 2050 (mm)                      | 2050 (mm)                      |
| Y Axis                              | 3050 (mm)                  | 4050 (mm)                      | 6050 (mm)                      |
| Z Axis                              | 135 (mm)                   | 135 (mm)                       | 135 (mm)                       |
| Power Supplies                      | 3-Phase AC 415V            | 3-Phase AC 415V                | 3-Phase AC 415V                |
| Machine Weight                      | 3800 (Kg)                  | 4300 (Kg)                      | 6800 (Kg)                      |
| Machine dimensions (L x W x H)      | 4700x3700x1900 (mm)        | 5700x4450x1900 (mm)            | 8500x4450x1900 (mm)            |



# LASER CUTTING MACHINE

## Ground Rail Type

### SATURN SERIES



## SPECIFICATION:

| Name                                | 2560                       | 3080                       | 25130                      |
|-------------------------------------|----------------------------|----------------------------|----------------------------|
| Working table area                  | 2500 X 6000 (mm)           | 3000 x 8000 (mm)           | 2500 x 13000 (mm)          |
| Laser Source                        | Max / Raycus               | Max / Raycus               | Max / Raycus               |
| Power Capacity (KW)                 | 3/6/12/20/30/40/60         | 3/6/12/20/30/40/60         | 1.5/2/3/6/12/20/30/40/60   |
| Wavelength                          | 1070-1080 (nm)             | 1070-1080 (nm)             | 1070-1080 (nm)             |
| CNC Control System                  | Cypcut                     | Cypcut                     | Cypcut                     |
| Servo motor                         | Yaskawa / Delta / Inovance | Yaskawa / Delta / Inovance | Yaskawa / Delta / Inovance |
| Laser Cutting head                  | Bochu                      | Bochu                      | Bochu                      |
| Max Movement Speed                  | 80 (m/Min)                 | 80 (m/Min)                 | 80 (m/Min)                 |
| Positioning Accuracy (X and Y Axis) | ± 0.03 (mm)                | ± 0.03 (mm)                | ± 0.03 (mm)                |
| Repeat Accuracy (X and Y Axis)      | 0.025 (mm)                 | 0.025 (mm)                 | 0.025 (mm)                 |
| X Axis                              | 2600 (mm)                  | 3100 (mm)                  | 2600 (mm)                  |
| Y Axis                              | 6100 (mm)                  | 8100 (mm)                  | 13000 (mm)                 |
| Z Axis                              | 135 (mm)                   | 135 (mm)                   | 135 (mm)                   |
| Power Supplies                      | 3-Phase AC 415V            | 3-Phase AC 415V            | 3-Phase AC 415V            |
| Machine Weight                      | 6900 (Kg)                  | 8700 (Kg)                  | 14000 (Kg)                 |
| Machine dimensions (L x W x H)      | 8300x4450x1800 (mm)        | 10300x5600x1800 (mm)       | 15900x5000x1800 (mm)       |



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## **GALAXY INNOVATIONS**

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