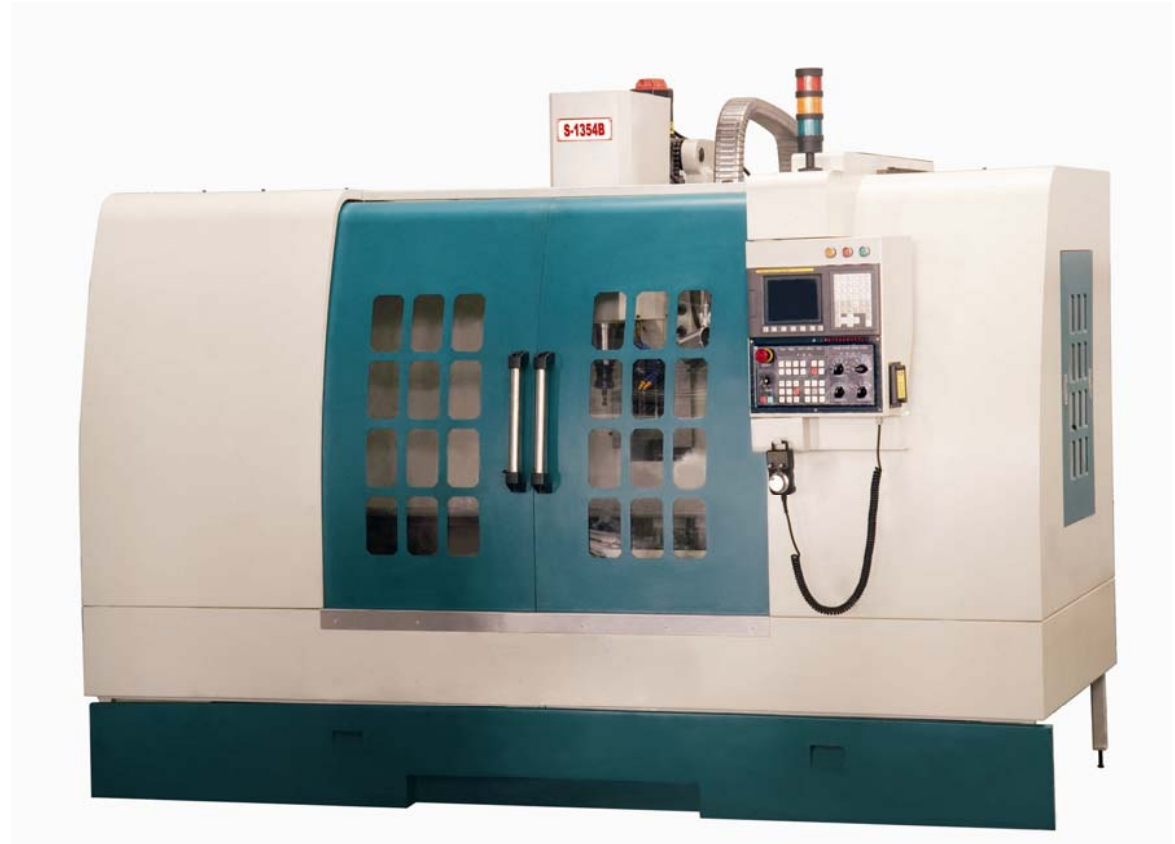


SMI-S Series bed type NC Milling Machine



OPTIONAL EQUIPMENT ATC



OPTIONAL EQUIPMENT FULL-CLOSED SAFETY COVER



| Item/Model | | S-1354B | S-1654 | S-2063 | S-2473 |
|-------------|-------------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|
| Table | Table size (L x W/mm) | 1370x330 | 1370x406 | 1600x510 | 1854x610 |
| | Table loading capacity(Kg) | 400 | 800 | 1200 | 1500 |
| | T-slots(W/mm x No) | 16x3 | 16x5 | 18x5 | 18x5 |
| Travel | X-axis(mm) | 800 | 1000 | 1200 | 1500 |
| | Y-axis(mm) | 450 | 480 | 700 | 700 |
| | Z-axis(mm) | 480 | 600 | 600 | 700 |
| | (X,Y,Z)Max.move speed(mm/min) | 8000 | 8000 | 10000 | 10000 |
| | (X,Y,Z)Max.feed speed(mm/min) | 3000 | 3000 | 4000 | 4000 |
| Spindle | Spindle speed (rpm/min) | RANGE:40-6000 | RANGE:40-6000 | RANGE:40-6000 | RANGE:40-6000 |
| | Spindle nose | BT40 | BT40 | BT40/ BT50 | BT40/ BT50 |
| | Spindle moter(kw) | 5.5 | 7.5 | 7.5 | 7.5 |
| | (MITSUBISHI) servo Moter(kw) | X/Y:1.0,Z:1.5 | X/Y/Z:1.5 | X/Y/Z:2.0 | X/Y/Z:2.0 |
| | Spindle quill diameter(mm) | dia.120 | dia.150 | dia.150/ dia.160 | dia.150/ dia.160 |
| | Spindle to column surface(mm) | 450 | 520 | 640 | 695 |
| Ball screws | X-axis(mm) | dia.32x5 P4 Double nuts | dia.32x5 P4 Double nuts | dia.40x10 P4 Double nuts | dia.40x10 P4 Double nuts |
| | Y-axis(mm) | dia.32x5 P4 Double nuts | dia.40x5 P4 Double nuts | dia.40x10 P4 Double nuts | dia.40x10 P4 Double nuts |



| | Z-axis(mm) | dia.32x5 P4 Double nuts | dia.40x5 P4 Double nuts | dia.40x10 P4 Double nuts | dia.40x10 P4 Double nuts |
|--------------------------|-------------------------|----------------------------|----------------------------|-----------------------------|-----------------------------|
| Three axis accuracy | Positioning accuracy | ±0.015mm | ±0.015mm | ±0.015mm | ±0.015mm |
| | Repeatability | ±0.008mm | ±0.008mm | ±0.008mm | ±0.008mm |
| Packingdimension (mm) | | 2250x2280x2450 | 2500x2280x2650 | 2900x2950x2800 | 2900x3150x2900 |
| | | 2950x2280x2450 | 3200x2280x2650 | 4500x2750x2800 | |
| Machine weight(Kg) | | 2600 | 3800 | 5000 | 6000 |
| | | 3400 | 4720 | 6400 | |