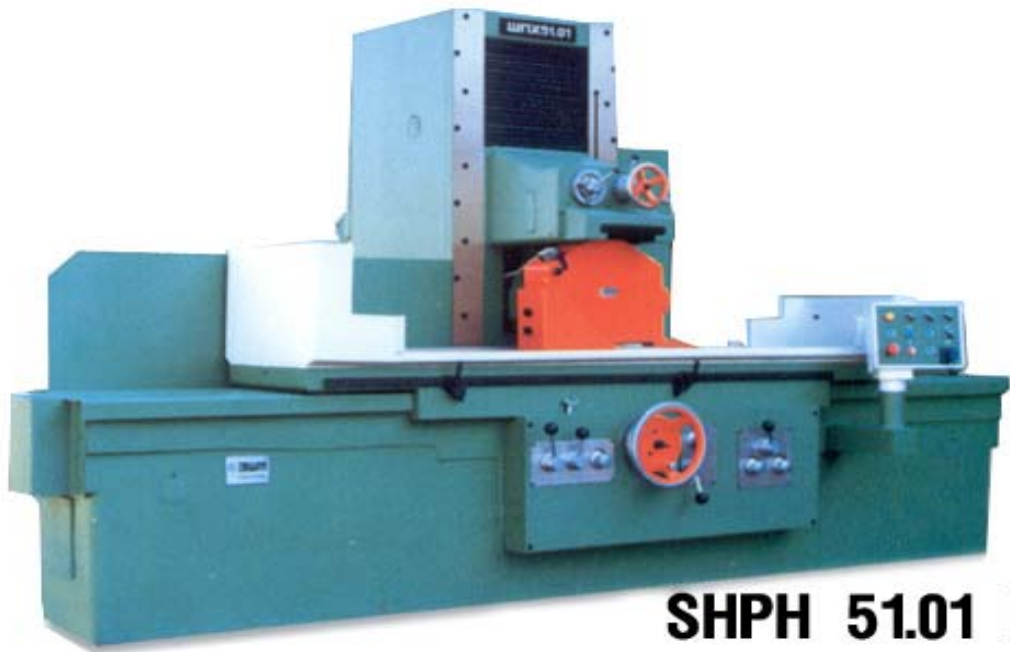




TISENG GROUP

Surface Grinding machines

The **Surface Grinding machines** from our list are designed for machining flat work pieces - stripes, plates, press moulds, flanges, gear wheels, etc. and the *cylinder grinding machines* are designed to grind internally and externally cylinder and conical surfaces, as well as faces of rotating work pieces - shafts, axes, sleeves etc. of ferrous and non-ferrous metals, as well as non-metal materials. Simple design, easy operation and maintenance are the main characteristics of the machines. Choosing whichever of the grinding machines you always choose quality, which we guarantee.



SHPH 51.01 M



| Technical data | | SHPH 20.50 | SHPH 32.11 E | SHPH 25.80 | SHPH 25.100 | SHPH 32.11 |
|---|--------|---------------|--------------|-------------|-------------|-------------|
| Electro-magnetic table | mm | 200x500 | 630x200 | 250x800 | 250x1000 | 630x200 |
| Max. grinding high (with new disc) | mm | 200 | 360 | 500 | 500 | 360 |
| Grinding wheel | | | | | | |
| - Dimensions | mm | 250x16(20)x51 | 250x40x76 | 250x40x76 | 250x40x76 | 250x40x76 |
| - Peripheral speed | m/s | 35 | 35 | 35 | 35 | 35 |
| Longitudinal table travel speed range | m/min | 2-20 | 1,5-25 | 1,5-25 | 1,5-25 | 1,5-25 |
| Wheelhead: minimum downfeed with heandwheel | mm | 0,001 | 0,001 | 0,001 | 0,001 | 0,001 |
| Automatic downfeed | mm/rev | - | 0,001-0,045 | 0,001-0,045 | 0,001-0,045 | 0,001-0,045 |
| Cross table: traverse feed range | | | | | | |
| - Intermittent | mm/str | 0,5-10 | 0,1-15 | 0,1-15 | 0,1-15 | 0,1-15 |
| - Continuous | m/min | - | 0,25-1,3 | 0,25-1,3 | 0,25-1,3 | 0,25-1,3 |
| Rapid traverse speed | | | | | | |
| - Vertical | m/min | - | 0,24 | 0,24 | 0,24 | 0,24 |
| - Cross | m/min | 1,3 | 1,6 | 1,6 | 1,6 | 1,6 |
| Main motor power | kW | 1,5 | 3,2/4 | 3,2/4 | 3,2/4 | 3,2/4 |
| Net weight of the machine | kg | 1300 | 3000 | 3400 | 3500 | 3000 |

| Technical data | | SHPH 30.63 | SHPH 30.80 | SHPH 30.100 | SHPH 40.63 E | SHPH 51.01 M |
|---|--------|-------------|-------------|-------------|--------------|----------------------------------|
| Electro-magnetic table | mm | 300x630 | 300x800 | 300x1000 | 400x630 | 300x1500 400x1500 500x1500 |
| Max. grinding high (with new disc) | mm | 360 | 500 | 500 | 400 | 400 |
| Grinding wheel | | | | | | |
| - Dimensions | mm | 250x40x76 | 300x40x76 | 300x40x76 | 300x40x76 | 450x63(100)x203 |
| - Peripheral speed | m/s | 35 | 45 | 45 | 45 | 35 |
| Longitudinal table travel speed range | m/min | 1,5-25 | 1,5-25 | 1,5-25 | 1,5-25 | 1,5-40 |
| Wheelhead: minimum downfeed with heandwheel | mm | 0,001 | 0,001 | 0,001 | 0,001 | 0,005 |
| Automatic downfeed | mm/rev | 0,001-0,045 | 0,001-0,045 | 0,001-0,045 | 0,001-0,045 | 0,005-0,1 |
| Cross table: traverse feed range | | | | | | |
| - Intermittent | mm/str | 0,1-15 | 0,1-15 | 0,1-15 | 0,1-15 | 0,5-30 |
| - Continuous | m/min | 0,25-1,3 | 0,25-1,3 | 0,25-1,3 | 0,25-1,3 | 0,5-3 |
| Rapid traverse speed | | | | | | |
| - Vertical | m/min | 0,24 | 0,24 | 0,24 | 0,24 | 0,4 |
| - Cross | m/min | 1,6 | 1,6 | 1,6 | 1,6 | 3 |
| Main motor power | kW | 3,2/4 | 3,2/4 | 3,2/4 | 3,2/4 | 13 |
| Net weight of the machine | kg | 3200 | 3400 | 3500 | 3600 | 7000 |