

**SAM 020768****BIGLIA Type B 42 SM**

|                       |                                                                                                                         |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------|
| <b>Group</b>          | CNC turning lathe                                                                                                       |
| <b>Manufacturer</b>   | BIGLIA                                                                                                                  |
| <b>Type</b>           | B 42 SM                                                                                                                 |
| <b>Controller CNC</b> | GE FANUC Series 18i-T                                                                                                   |
| <b>Youtube video</b>  | <a href="https://youtube.com/shorts/K-YzEbsU9J0?feature=share">https://youtube.com/shorts/K-YzEbsU9J0?feature=share</a> |



|                              |                  |
|------------------------------|------------------|
| Number of spindles           | 2                |
| Number of revolvers          | 2                |
| Distance spindle nose        | 560 mm           |
| Turret slide:                |                  |
| Number of positions turret 1 | 12               |
| Number of positions turret 2 | 12               |
| Driven tools turret 1        | 6                |
| Spindle speeds               | 100 - 3000 t/min |
| Tool shank cross section     | 20 mm            |
| Power of driven tools        | 1.5 / 3.7 kW     |
| Max. drill capacity          | 25 mm            |
| Indexing time                | 0.4 s            |
| Upper turret head:           |                  |
| X axis                       | 175 mm           |
| Z axis                       | 305 mm           |
| Lower turret head:           |                  |
| X axis                       | 132 mm           |
| Z axis                       | 155 mm           |
| Main spindle:                |                  |
| Spindle nose                 | ASA 5"           |
| Spindle hole                 | 52 mm            |
| Inner taper type             | DIN 6343         |
| Max. bar diameter            | 41 mm            |
| Max. turning diameter        | 200 mm           |
| Maximum turning length       | 300 mm           |
| C axis (spindle,resolution)  | 0.001 °          |
| Spindle speeds:              |                  |
| stepless                     |                  |
| from                         | 100 t/min        |
| up to                        | 5000 t/min       |
| Spindle power                | 3.7 - 5.5 kW     |
| Back spindle:                |                  |
| Spindle nose                 | ASA 4"           |
| Spindle hole                 | 42 mm            |
| max. speed                   | 5000 t/min       |
| Inner taper type             | DIN 6343         |
| Max. turning diameter        | 150 mm           |
| Maximum turning length       | 150 mm           |
| C axis (spindle,resolution)  | °                |
| Rapid traverse X             | 12 m/min         |

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|                             |            |
|-----------------------------|------------|
| Rapid traverse Z            | 20 m/min   |
| Spindle motor               | 11 - 15 kW |
| Voltage 50 Hz 3x            | 400 Volt   |
| Machine's weight about      | 4700 kg    |
| Overall dimensions machine: |            |
| Length                      | 2500 mm    |
| Width                       | 2'000 mm   |
| Height                      | 2100 mm    |

**Various accessories:**

|                             |           |
|-----------------------------|-----------|
| Lamp                        |           |
| Coolant system              | 150 l     |
| Bar feeder                  | IEMCA     |
| Type                        | BOSS 542  |
| Length of bars max.         | 3200 mm   |
| Bar diameter                | 5 - 42 mm |
| Part separating device      |           |
| Switch cabinet Cooling unit |           |
| Status light                |           |







