



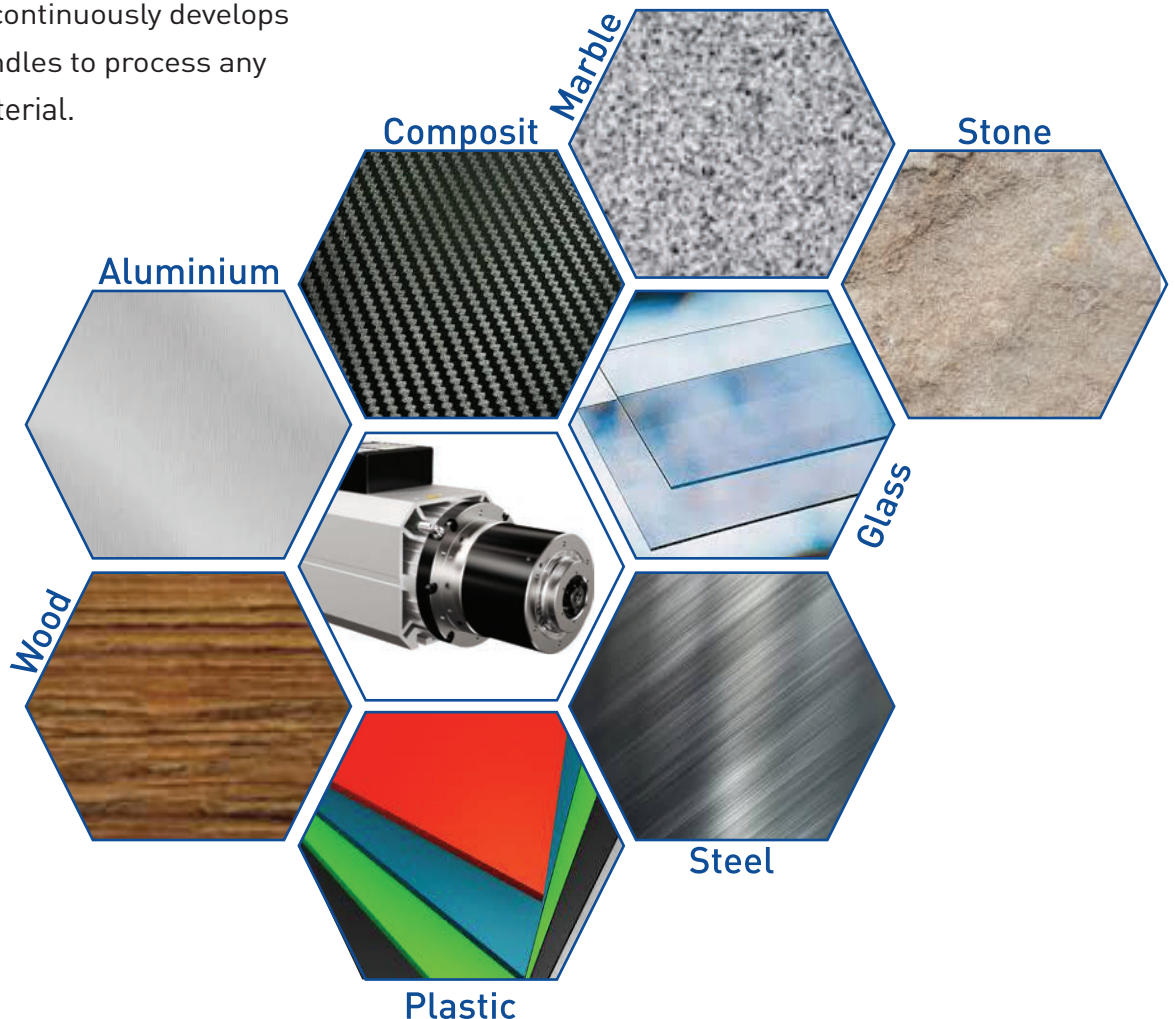
## Boring unit

OLIspeed began from the resourcefulness of people with recognized technical, productive and commercial experience in the machine tool sector and Hi-Tech components necessary to guarantee or improve the machines performance. In addition it was the desire of the OLI group to expand its business in the industrial field.

OLIspeed is an independent company and is not a manufacturer of CNC machines nor directly or indirectly involved with any organization, corporation or group. OLIspeed's core business is to develop, produce, and market electro-spindles, milling heads and accessories suitable for machine tools. Used for processing various materials from all types of wood to aluminium, to plastic to glass, to marble and steel.

OLIspeed, is part of the OLI group, a world leader in its sector and takes advantage of mass production of mechanical and electromechanical components, and its worldwide distribution network.

OLIspeed continuously develops electrospindles to process any type of material.



## WHEN YOU NEED IT, WHERE YOU NEED IT

OLIspeed uses the OLI sales network consisting of 18 branches distributed around the world, to support our customers with pre and after sales service. Standard products are available upon request from our warehouses.

“When you need it, where you need it.”

OLI Australia

OLI Benelux

OLI Brasil

OLI China

OLI France

OLI Germany

OLI India

OLI Italy

OLI Malta

OLI Middle East

OLI Nordic

OLI Russia

OLI South Africa

OLI Spain

OLI Thailand

OLI Turkey

OLI UK

OLI USA



Excellent customer service is one of OLIspeed's primary objectives which it guarantees through its vast worldwide distribution network of solely owned branches.



# EXCLUSIVE CERTIFICATION

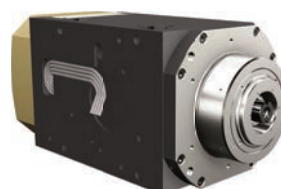
Electric motor with insulation system US certified



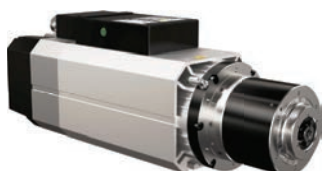
## RANGE OF ELECTROSPINDLES WITH UL CERTIFICATION



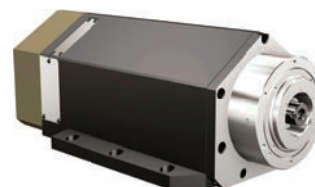
**SME 070-103**  
From 0.8 kW to 6 kW



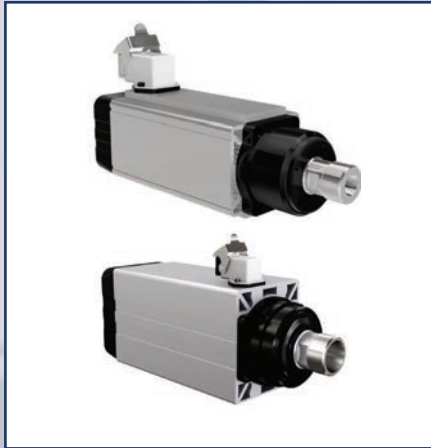
**SAB150**  
From 7 Kw to 24 kW



**SAE 103/SAE 145**  
From 3.5 kW to 16 Kw



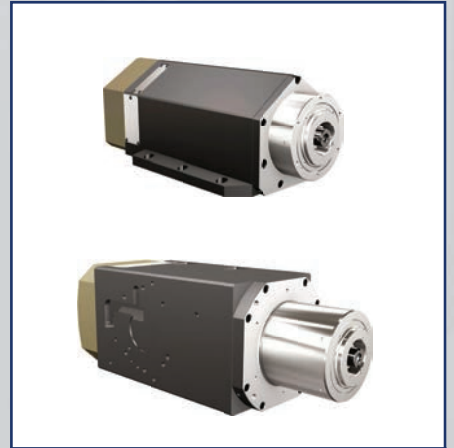
**SAB 132**  
From 11.5 kW to 16 kW



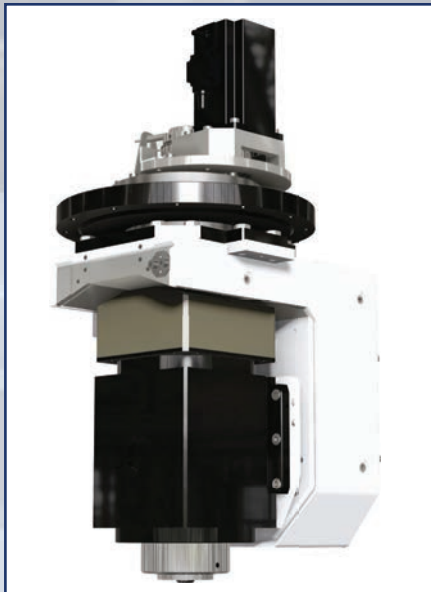
Electrospindle  
Manual tool change MTC  
From 0,6 to 1 kW



Electrospindle Extruded series  
Automatic tool change ATC  
From 3,5 to 16 kW



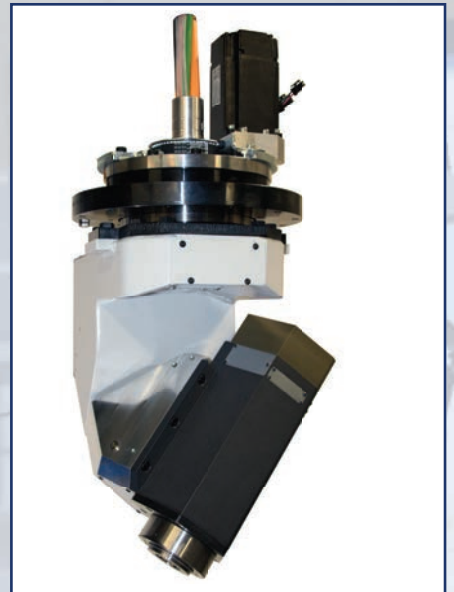
Electrospindle Block series  
Automatic tool change ATC  
From 7 to 24 kW



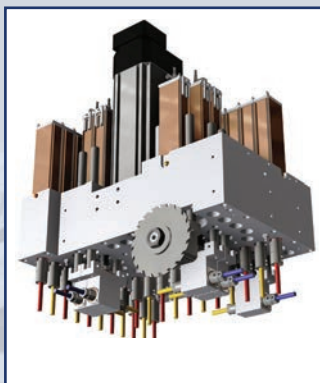
Milling heads  
Single shoulder 90°  
From 10 to 15 kW



Milling heads  
Double shoulder  
From 15 to 24 kW



Milling heads  
Single shoulder 50°  
From 11,5 to 16 kW



Boring Unit  
Vertical, Horizontal,  
blade and accessory



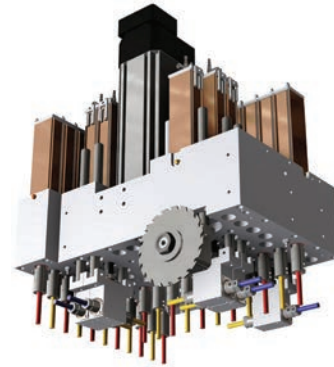
Heat exchanger  
150-300 W/°C



Refrigerator/ Chiller  
1,6-4,2 kW



Accessory



### VERTICAL OPERATIONS

#### Main features

- Aluminium body manufactured by CNC machines for high accuracy.
- Spindle heat treated and grounded for accuracy and long life.

#### Technical data

- Vertical spindle starting from 5 spindle with 10 mm "toll connections".
- Max trust force 638 N operated by compressed air.
- Motor power up to 1.7 kw and 4,000 rpm.
- Suitable for vertical drilling operation.

### VERTICAL HORIZONTAL OPERATIONS

#### Main features

- Aluminium body manufactured by CNC machines for high accuracy.
- Spindle heat treated and grounded for accuracy and long life.

#### Technical data

- Different combination and numbers for vertical/horizontal spindle with 10 mm "toll connections".
- Max trust force 638 N operated by compressed air.
- Motor power up to 1.7 kw and 4,000 rpm.
- Suitable for vertical and horizontal drilling operations.

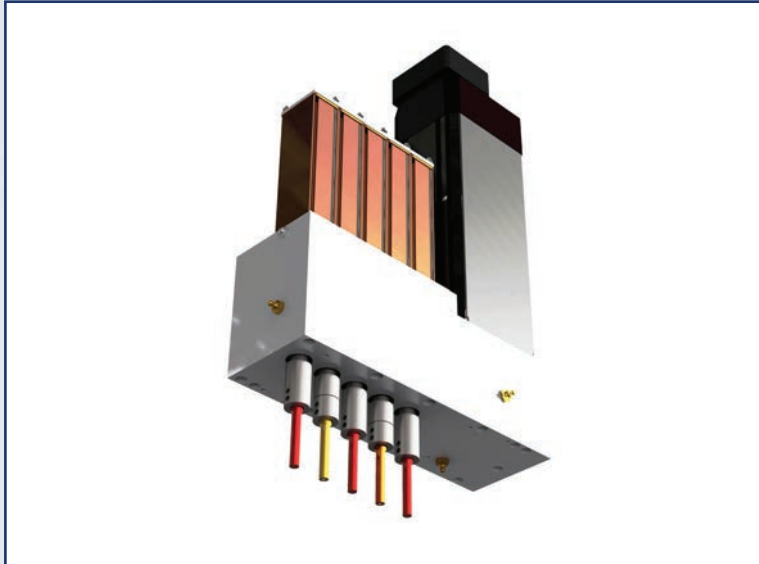
### VERTICAL HORIZONTAL AND ANCILLARY OPERATIONS

#### Main features

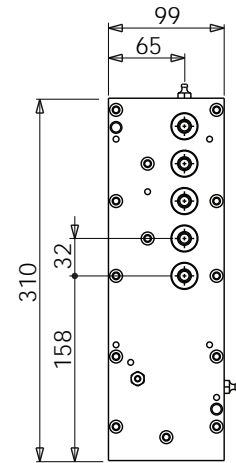
- Aluminium body manufactured by CNC machines for high accuracy.
- Spindle heat treated and grounded for accuracy and long life.

#### Technical data

- Vertical/horizontal spindle with 10 mm "toll connections".
- Max trust force 638 N operated by compressed air.
- Motor power up to 1.7 kw and 4,000 rpm. Suitable for vertical, horizontal and cutting operation.
- Blade shaft 20 mm and blade dia 125 mm.
- Available also with presser wheels.

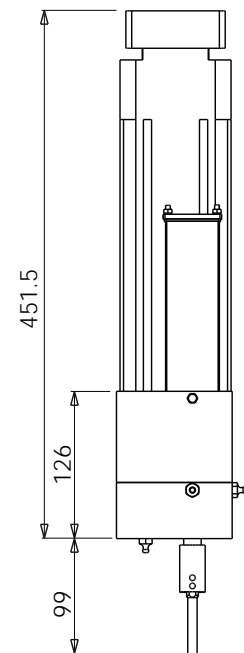


## Dimensions



## Main characteristics

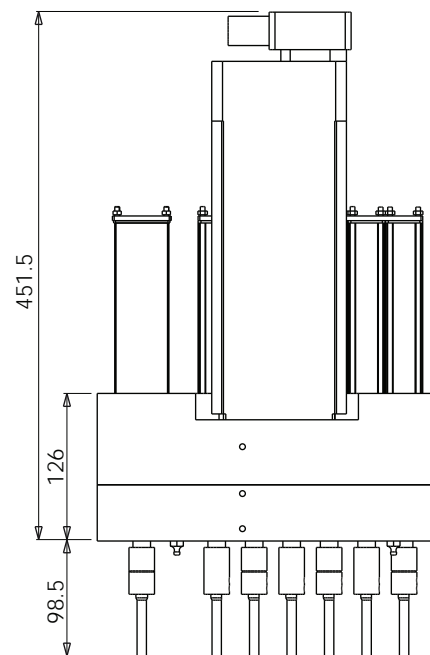
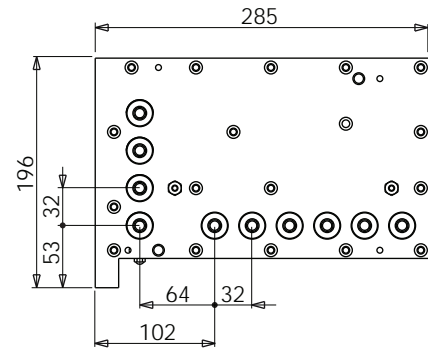
BUB 310 boring unit		
Vertical spindles	N°	5
Horizontal spindles	N°	-
Tool connections diameter - tolerance	mm	10-H7
Distance between centers	mm	32
Max. boring bits length	mm	70
Blade diameter	mm	-
Blade diameter shaft	mm	-
Vertical spindles stroke	mm	60
Horizontal spindles stroke	mm	-
Blade unit stroke	mm	-
Vertical spindles thrust	N-bar	638-6
Motor power	HP-kW	2.3-1.7
Nominal tension	V	230/400
Rated motor speed (50/60 Hz)	rpm	2800/3600
Max motor speed (with inverter)	rpm	4000
Rated frequency	Hz	50/60
Vertical spindles speed	rpm	4000/5140
Horizontal spindles speed	rpm	-
Blade speed	rpm	-
Pressure wheels	N°	-
Pressure wheels stroke	mm	-
SX rotation direction	Color	black
DX rotation direction	Color	white
Weight	kg	22







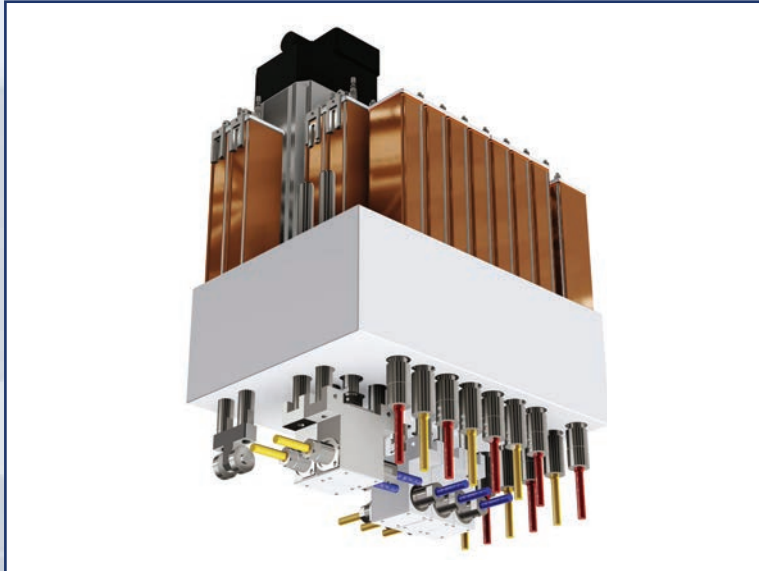
## Dimensions



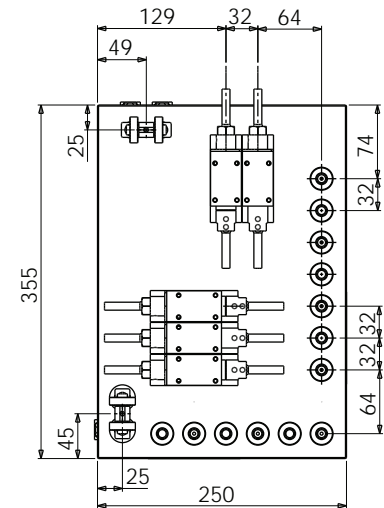
## Main characteristics

## BUB 196 boring unit

Vertical spindles	N°	4+6
Horizontal spindles	N°	-
Tool connections diameter - tolerance	mm	10-H7
Distance between centers	mm	32
Max. boring bits length	mm	70
Blade diameter	mm	-
Blade diameter shaft	mm	-
Vertical spindles stroke	mm	60
Horizontal spindles stroke	mm	-
Blade unit stroke	mm	-
Vertical spindles thrust	N-bar	638-6
Motor power	HP-kW	2.3-1.7
Nominal tension	V	230/400
Rated motor speed (50/60 Hz)	rpm	2800/3600
Max motor speed (with inverter)	rpm	4000
Rated frequency	Hz	50/60
Vertical spindles speed	rpm	4000/5140
Horizontal spindles speed	rpm	-
Blade speed	rpm	-
Pressure wheels	N°	-
Pressure wheels stroke	mm	-
SX rotation direction	Color	black
DX rotation direction	Color	white
Weight	kg	32



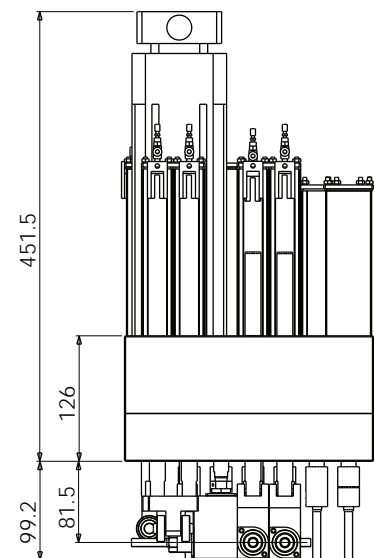
## Dimensions

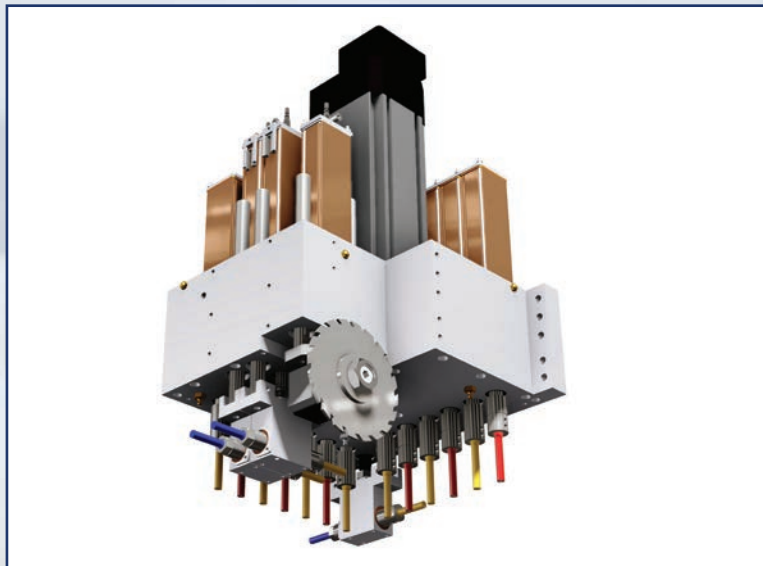


## Main characteristics

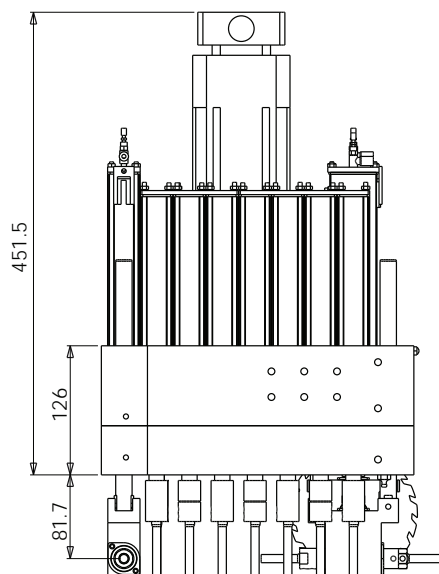
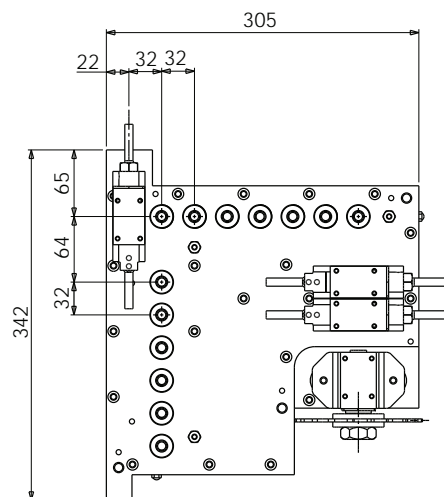
## BUB 355 boring unit

Vertical spindles	N°	7+6
Horizontal spindles	N°	4+6
Tool connections diameter - tolerance	mm	10-H7
Distance between centers	mm	32
Max. boring bits length	mm	70
Blade diameter	mm	-
Blade diameter shaft	mm	-
Vertical spindles stroke	mm	60
Horizontal spindles stroke	mm	75
Blade unit stroke	mm	-
Vertical spindles thrust	N-bar	638-6
Motor power	HP-kW	2.3-1.7
Nominal tension	V	230/400
Rated motor speed (50/60 Hz)	rpm	2800/3600
Max motor speed (with inverter)	rpm	4000
Rated frequency	Hz	50/60
Vertical spindles speed	rpm	4000/5140
Horizontal spindles speed	rpm	4000/5140
Blade speed	rpm	4000/5140
Pressure wheels	N°	1+1
Pressure wheels stroke	mm	70
SX rotation direction	Color	black
DX rotation direction	Color	white
Weight	kg	55





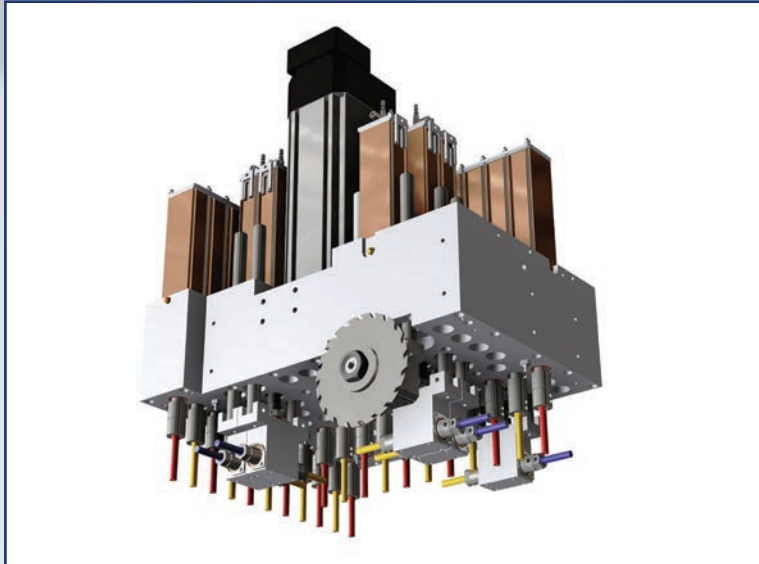
Dimensions



Main characteristics

BUB 342 boring unit

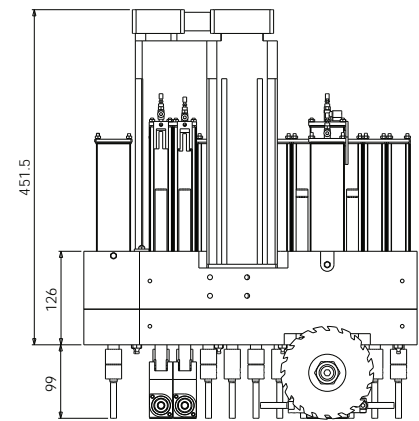
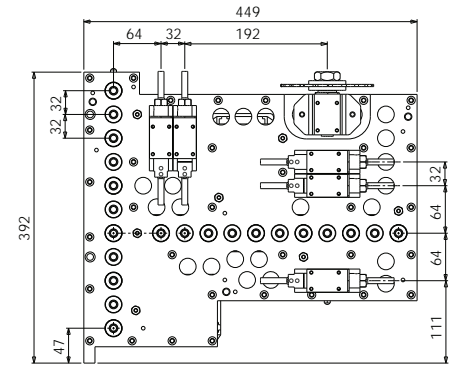
Vertical spindles	N°	6+7
Horizontal spindles	N°	2+4
Tool connections diameter - tolerance	mm	10-H7
Distance between centers	mm	32
Max. boring bits length	mm	70
Blade diameter	mm	125
Blade diameter shaft	mm	20
Vertical spindles stroke	mm	60
Horizontal spindles stroke	mm	75
Blade unit stroke	mm	50
Vertical spindles thrust	N-bar	638-6
Motor power	HP-kW	2.3-1.7
Nominal tension	V	230/400
Rated motor speed (50/60 Hz)	rpm	2800/3600
Max motor speed (with inverter)	rpm	4000
Rated frequency	Hz	50/60
Vertical spindles speed	rpm	4000/5140
Horizontal spindles speed	rpm	4000/5140
Blade speed	rpm	4000/5140
Pressure wheels	N°	-
Pressure wheels stroke	mm	-
SX rotation direction	Color	black
DX rotation direction	Color	white
Weight	kg	59

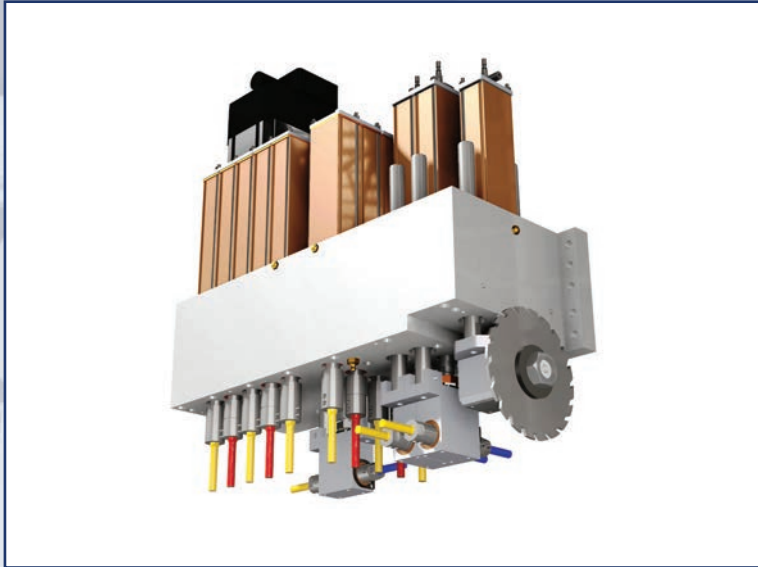


### Main characteristics

BUB 392 boring unit		
Vertical spindles	N°	11+11
Horizontal spindles	N°	4+6
Tool connections diameter - tolerance	mm	10-H7
Distance between centers	mm	32
Max. boring bits length	mm	70
Blade diameter	mm	125
Blade diameter shaft	mm	20
Vertical spindles stroke	mm	60
Horizontal spindles stroke	mm	75
Blade unit stroke	mm	50
Vertical spindles thrust	N-bar	638-6
Motor power	HP-kW	2.3-1.7
Nominal tension	V	230/400
Rated motor speed (50/60 Hz)	rpm	2800/3600
Max motor speed (with inverter)	rpm	4000
Rated frequency	Hz	50/60
Vertical spindles speed	rpm	4000/5140
Horizontal spindles speed	rpm	4000/5140
Blade speed	rpm	4000/5140
Pressure wheels	N°	-
Pressure wheels stroke	mm	-
SX rotation direction	Color	black
DX rotation direction	Color	white
Weight	kg	80

### Dimensions



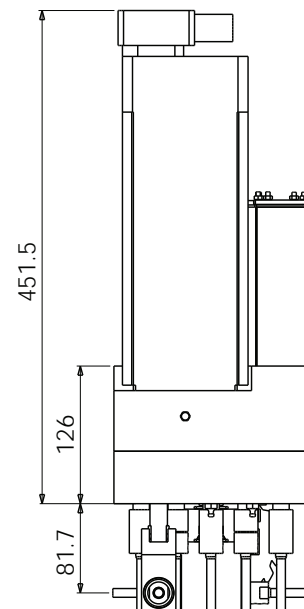
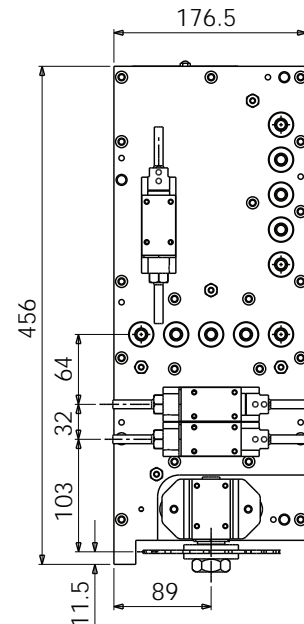


### Main characteristics

#### BUB 465 boring unit

Vertical spindles	N°	5+5
Horizontal spindles	N°	2+4
Tool connections diameter - tolerance	mm	10-H7
Distance between centers	mm	32
Max. boring bits length	mm	70
Blade diameter	mm	125
Blade diameter shaft	mm	20
Vertical spindles stroke	mm	60
Horizontal spindles stroke	mm	75
Blade unit stroke	mm	50
Vertical spindles thrust	N-bar	638-6
Motor power	HP-kW	2.3-1.7
Nominal tension	V	230/400
Rated motor speed (50/60 Hz)	rpm	2800/3600
Max motor speed (with inverter)	rpm	4000
Rated frequency	Hz	50/60
Vertical spindles speed	rpm	4000/5140
Horizontal spindles speed	rpm	4000/5140
Blade speed	rpm	4000/5140
Pressure wheels	N°	-
Pressure wheels stroke	mm	-
SX rotation direction	Color	black
DX rotation direction	Color	white
Weight	kg	60

### Dimensions



## Contact

OLIspeed s.r.l.

Legal headquarters: Strada degli Schiocchi 12 - 41124 Modena ITALY  
 Administration headquarters: Via Canalazzo, 35 - 41036 Medolla (MO) - ITALY  
 Operational headquarter: Largo Filippo Neri 6/P - 06034 Foligno (PG) ITALY  
 Tel +39.0535.410611 - Fax +39.0535.410650  
 sales@olispeed.com  
 www.olispeed.com

Designed and manufactured in Italy for the global market

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### Asia

Zhejiang Wolong International Business Co., Ltd  
 No.1801, Renmin West Road  
 Shangyu, Zhejiang, China  
 T +86 575 821 76722  
 F +86 575 821 76599  
 international@wolong.com  
 www.wolong-electric.com

### Europe

Wolong EMEA (Germany) GmbH  
 Schwalmstraße 289  
 41238 Mönchengladbach, Germany  
 T +49 7182 14-1  
 F +49 7182 14-590  
 info-de@atb.wolong.com  
 www.wolong-electric.com

### Americas

Wolong Americas LLC  
 3050 Post Oak Boulevard, suite 630  
 Houston, Texas 77056, USA  
 T +1 (346) 616-0102  
 F +1 (855) 511-6620  
 rfq.americas@wolong.com  
 www.wolong-electric.com

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