

PIBOMULTI

SWISS



MADE

WWW.VEMA.CN

Têtes revolver
Flexibilité et haut rendement

Turret heads
Flexibility and high production

TR

TRI

带有锥形销分度盘的旋转头。具有液压锁定和解锁功能。这种头非常简单，量和价格也非常好。凭借其高稳定性和精度，因此十分适用于铣削。

Revolver head with conical pin of indexion. Locking and unlocking are hydraulically ordered. This head, of a great simplicity, has a very good ratio quality / price. With its high reliability and precision, it is also convenient for milling purpose.

TRH

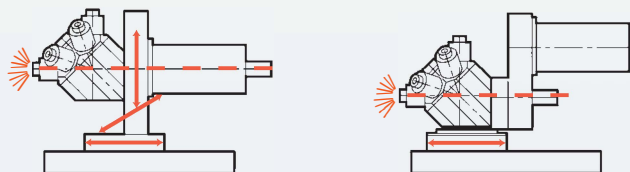
带有3个端齿分度盘的旋转头。具有液压锁定和解锁功能。这种高精度的头可以达到，如精度和负载所需的必要条件。

Revolver head with 3 parts Hirth teeth indexion. Locking and unlocking are ordered hydraulically. This high precision head makes possible to reach required conditions, such as precision and loads.

电控 Motorizing

使用毕博穆特系统时，仅用一个伺服电动机就可以编程旋转方向，炮塔头的位置以及工作主轴的驱动程序。伺服电机可以直接安装在驱动轴上，也可以通过齿带进行偏置安装。在具有2个，3个，4个，6个或8个工位的转塔头上，每个主轴都可通过机床或驱动单元在工作位置分别驱动。炮塔头无需抬高，速度快，精度高，具有良好的防尘保护。

- 位置和旋转方向可自由选择
- 润滑剂由润滑脂、空气超压油雾或高速空气/油制成



With the Pibomulti system it is possible to program with only one servomotor the direction of rotation, the positioning of the turret as well as the drive of the working spindle. The servomotor can be mounted directly on the driving shaft or in-offset through by means of a teeth belt. On this turret head with 2, 3, 4, 6 or 8 stations, each spindle is driven separately at the working position either through the machine or a driving unit. The turret rotation without uplift, is quick and precise. It does insure a good protection against impurities.

- Free choice of position and rotating direction.
- The lubrication is made by grease, oilmist with air overpressure or air/oil for high speed.

配件 Accessories

每台毕博穆特炮塔头都可以根据您的需要配备特殊的工具：增速器、PERIERA工具、TRONI校准工具、延伸轴等等。



WWW.VEMA.CN

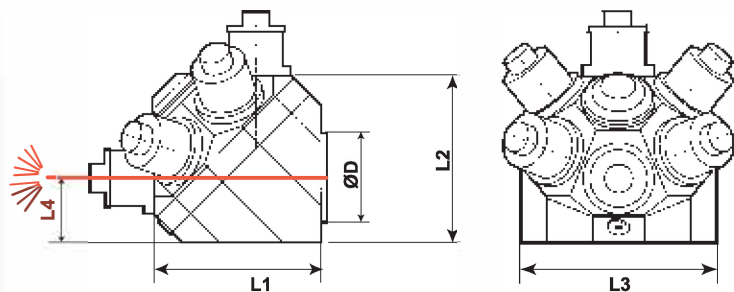
主轴 Spindles

每个头都有它的模块化主轴。您可以从我们的标准产品中选择，也可以为您的应用程序专门设计。

Every head has its modular spindle. Choose from our standard offerings or designed special for your application.

HSK / ABS / KM / DIN 55058 ...





		TRI 150	TRH 150	TRI 200	TRH 200	TRH 250	TRI 300	TRH 350	TRI 400	TRH 450	TRH 500	TRI 600	TRH 700	TRI 800	TRH 1000
工位 Number of stations		4-6		4-6	4-6-8	4-6-8	4-6	4-6-8	4-6	3-4-6-8-12	4-6	4-6	4-6-8	4-6	4-6-8
功率 Transmitting power	kW max.	5.0		10		12	15	15	26	26	40	45		45	
扭矩 Transmitting torque	Nm	30		80		140	250	250	700	700	1 700	1 900		2 500	
最大转速 Max rotation speed	rpm	15 000	19 000	12 000	15 000	13 000	9 000	12 000	8 000	10 000	6 000	6 000		4 500	
主轴重复位置度 Repeat of spindle position	"	+/- 2													
重复精度 Precision of positioning	"	+/- 10	+/- 6	+/- 10	+/- 6	+/- 6	+/- 10	+/- 6	+/- 10	+/- 6	+/- 6	+/- 5		+/- 5	
1/6 旋转分度时间 Indexing time 1/6 of rotation	s.	1.2		1.5		1.8	1.8	1.8	2.0	2.0	2.5	2.8	3.0	3.0	3.5
尺寸 (mm) Dimension (mm)	L1 mm	160	160	210	210	261	270	285	390	385	505	630	735	770	900
	L2 mm	160	160	210	210	252	270	285	390	385	505	530	635	770	900
	L3 mm	175	182	220	235	280	290	352	420	462	570	590	710	820	1000
	L4 mm	75	75	100	95	107	125	110	180	150	220	220	229	320	320
	ØD mm	85	85	100	100	100	135	135	200	200	270	200	200	300	300
不装夹工具的重量 Weight without tool	kg	30	38	45	55	80	100	120	300	350	600	700	1100	1700	2500
冷却 Coolant trough	bars	50 (选项 100)													
转台分度油压 Oil pressure for turret index	bars	20 à 35													

WWW.VEMA.CN

结构 Construction

壳体

头塔外壳由铸铁制成，确保良好的热强度和机械强度以及稳定性。

主轴

PIBOMULTI 主轴有着模块化设计，保证了其灵活性。

轴承类型

- 高速主轴轴承
- 重型圆锥滚子轴承
- 高速陶瓷轴承
- 可根据您的需求提供特殊的轴承设计

主轴的润滑可根据您的要求和具体应用而定：

- 永久润滑脂包
- 高速和延长使用寿命油雾润滑！全氟乙烯
- 最高速度下的空气和油润滑

选项

主轴的空气清洁和头内部的空气压力标准情况下冷却液流通的压力为50bar 特殊设计的压力为100bar

灵活的方向

转台头部可以安装在以下位置：垂直、水平、倾斜/偏置、侧面。

HOUSING

Turret head housings are made of cast iron, assuring excellent thermal and mechanical strength and stability.

SPINDLES

PIBOMULTI spindles have a modular design assuring flexibility.

TYPE OF BEARINGS

- high speed spindle bearings
- conical roller bearings for heavy applications
- ceramic bearings for high speed applications
- special bearing designs on request:

Lubrication for the spindles is according to your requirements and specific application:

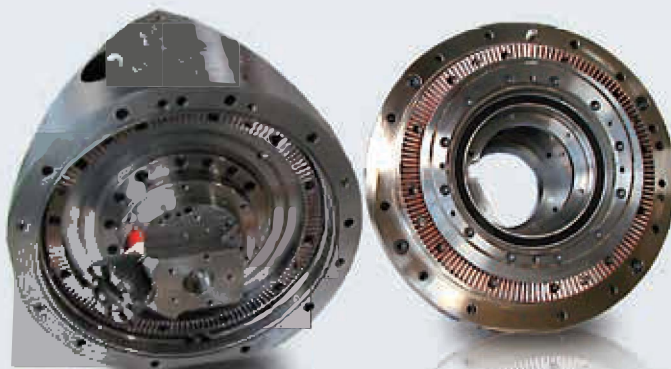
- permanent grease pack
- oil-mist lubrication for high speeds and extended life
- air and oil lubrication for the highest speeds

OPTIONS

Air purge for spindles and air pressure inside the head.
Standard coolant thru at 50 Bar pressure
100 Bar pressure by special design

FLEXIBLE ORIENTATION

The Turret Head can be mounted in the following positions: vertical, horizontal, inclined/tilted, on the side.





PIBOMULTI - 您的最佳选择

因高精度机械被人熟知

毕博穆特以向客户提供无与伦比的多轴头而闻名。

从微型机械加工到医疗机械加工，毕博穆特为众多工业应用提供了制造解决方案，如钟表、汽车生产、航空和船舶，越来越多的制造商需要毕博穆特提供的各种解决方案。

毕博穆特拥有世界先进的制造设备，配备最新的精密机床以确保生产出高精度和高质量的多轴头。最好的材料和工艺，再加上精心的组装，使毕博穆特品质卓越。

毕博穆特的工程技术人员不断努力提高毕博穆特的产品和服务，并为刀具夹持，夹紧，减少悬垂，主轴刚性和提高转速以及刀具寿命提供最佳的解决方案。

回顾一下我们的产品目录和解决方案！相信众多毕博穆特多轴头里面会有您需要的解决方案。

PIBOMULTI - THE BEST CHOICE

The know-how in the very high precision mechanic

PIBOMULTI is well known for offering its customers an incomparable choice of Multispindle Heads.

From miniature machining to heavy machining, PIBOMULTI brings manufacturing solutions to industrial applications as varied as watch making, automobile production, aeronautics and shipbuilding. Manufacturers need the kinds of solutions PIBOMULTI provides.

PIBOMULTI has a state-of-the-art manufacturing facility with up-to-date, high-tolerance machine tools assuring the production of Multispindle Heads of the highest precision and quality. The finest materials and processes, along with careful assembly, result in PIBOMULTI quality and excellence.

The PIBOMULTI engineering staff is constantly striving to improve PIBOMULTI products and services, and to provide the best solutions with respect to tool holding, clamping, reduction of overhang, spindle rigidity, and increased rotational speed and tool life.

A review of our catalog and the solutions outlined therein will reveal that PIBOMULTI is the right choice for your Multispindle Head requirements.

WWW.VEMA.CN

最新资讯和PDF文件... 请登录www.vema.cn!

VEMA Technology Co.,Ltd

南京市溧水区柘塘镇徐母塘路307号

Tel: 025-85590128

Fax: 025-85590125

sales@vema.cn

www.vema.cn



GROUPE PIBOMULTI

