

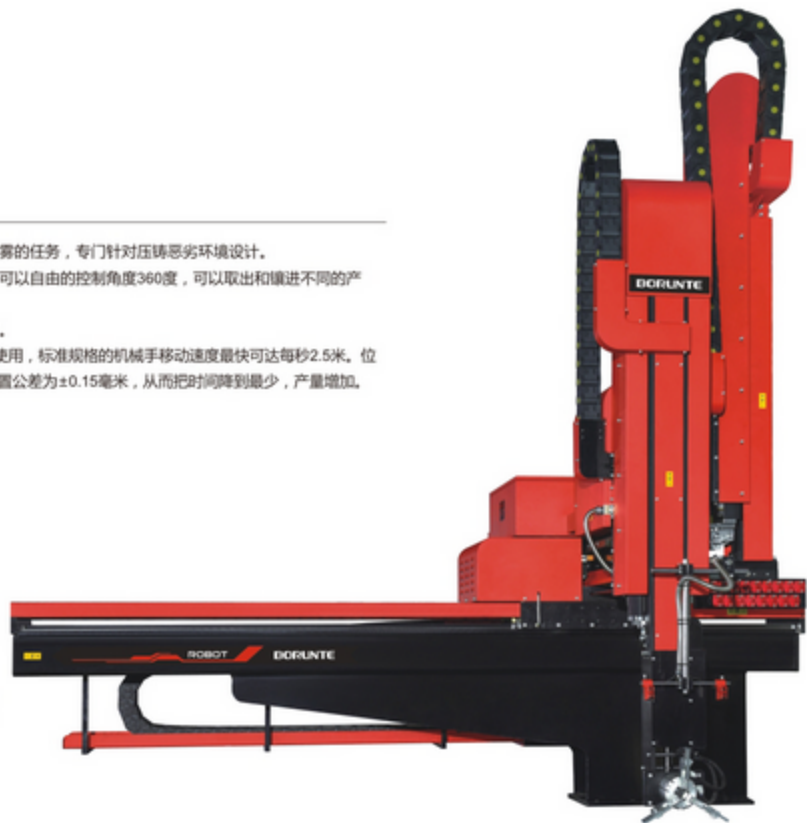
# BRTYZQP Series

## 四轴伺服取件喷雾机 Four Axis Servo Extractor and Sprayer Robot

### 产品特点 Product Features

- 本公司的全新四轴设计，可以完成多自由度的取件，镶件，喷雾的任务，专门针对压铸恶劣环境设计。
- 取件夹爪，取件夹爪由两个伺服马达控制不受空间条件限制，可以自由的控制角度360度，可以取出和镶进不同的产品，标配机型可适用多个不同尺寸产品的抓取。
- 喷雾由独立的喷嘴控制，可以实现多段，定点，前后独立喷雾。
- 全伺服动作控制，承载能力强，高速运转，适合中大型压铸机使用，标准规格的机械手移动速度最快可达每秒2.5米。位置公差为正负0.05毫米大型机器人移动速度最快可达1.5米，位置公差为±0.15毫米，从而把时间降到最少，产量增加。

- The new design of our company four-axis robot can perform multiple degrees of freedom, inserts, spray task, specially designed for the die casting in harsh environments.
- Pickup gripper is controlled by two servo motors without being limited by the space, it can freely control the angle of 360 degrees, and can be removed and inserted into different products, the standard model can be used to grab a number of different size products.
- Spraying controlled by the independent nozzles, it can achieve multi-segment, fix point, before and after independence spray.
- Full servo motor control minimizes the time and increases productivity which has good load capacity, high-speed operation, suitable for the high tonnage die-casting machine. The standard robot moves the fastest speed up to 2.5 M/S. Position tolerance is ± 0.05 mm. Large-scale type robot moves the fastest speed up to 1.5 M/S. The position tolerance is ± 0.15 mm.



### 主要规格 Main Specification

项目Project	适用压铸机 (ton) recommended die casting machine	引拔行程 (mm) Crosswise stroke	取件臂上下行程 (mm) Vertical stroke of main arm	喷雾上下行程 (mm) Vertical stro- ke for spraying arm	横行程 (mm) Traverse stroke	喷雾数量 (Pic.)	取件最大重量 (KG) Max. loading	取出时间 (m/sec) Dry take out time	精确度 (mm) Repeat accuracy
BRTYZQP04S4B	500T-800T	1000	1400	1960	2100	42	20	2.5	±0.05