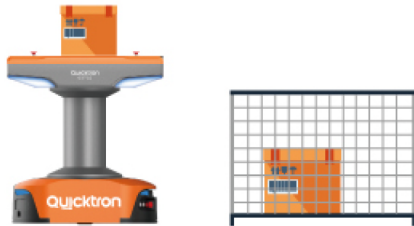


# Intelligent Sorting System Solution

## ZHUQUE QS40 / QS10



### Intelligent Sorting System Solution

With the fast development of e-commerce, customers impose increasingly higher requirement of timeliness on package sorting. QuickTron independently developed QS40 and QS10 smart sorting robots which can visually identify the information on package labels. The robots can figure optimized paths for themselves before unloading any package at the right discharge port. Its sorting speed and accuracy witness significant improvement when compared to manual practice.



- Maximum speed – 2.5m/s;
- Up to 40kg package can be sorted and delivered;
- Two packages can be sorted and delivered at the same time;
- Intelligent power management enables 8-hour service without discontinuity;
- The intelligent sorting mode of “delivery over motion” supports enhanced efficiency.

### More application scenarios

Package sorting in logistics industry and express industry;  
Manufacturing industry – Material movement;

#### ZHUQUE QS40

size (L*W*H)(mm)	970*800*830(mm)
dead-weight	210kg
rated load capacity	40kg
size of parcel	800*700*150
max running speed	1.5m/s
parcel amounts	up to 2
navigation	visual 2D code+inertial
obstacle avoidance	LIDAR+Anticollision bar

#### ZHUQUE QS10

size (L*W*H)(mm)	600*540*1390(mm)
dead-weight	60kg
rated load capacity	10kg
size of parcel	400*400*150
max running speed	2.5m/s
parcel amounts	up to 1
navigation	visual 2D code+inertial
obstacle avoidance	LIDAR