PALLETIZING KIT ®

HR-10 PAYLOAD 12.5 KG

HR-20 PAYLOAD 20 KG

PLUG & PALLETIZE WITH COBOTS

YOUR FLEXIBLE PALLETIZING SOLUTION BY HAHN ROBOTICS
READY FOR IMMEDIATE USE IN LOGISTICS, INDUSTRY & SERVICES

Automate burdensome tasks around the packaging, unpacking or confection of your goods. Thanks to the integrated collaborative lightweight robot, the PALLETIZING KIT does not require a bulky protective enclosure and its compactness requires little space. The rollable frame allows you to change locations in your production as needed.

Thanks to the modular design of the two basic versions with different payloads, the system can be individually configured with optional accessories and used in a wide variety of industries, e.g.

• Food • Pharmaceuticals • Consumer Goods • Machine Feeding • Logistics

Rollable frame

Areal vacuum gripper with tactile bumper

Conveyor belt with accumulation rollers

Intuitive control

FEATURES, FACTS & BENEFITS
YOUR ADVANTAGES

- **Effective & sustainable**
  Complete automation of physically highly stressful manual activities

- **Compact & integrative**
  Smooth integration into existing process layouts for optimal workflow

- **Mobile & flexible**
  Rollable frame enables you to change the location of the kit

- **Collaborative & safe**
  CE certified application with high acceptance by the employees

- **Cross-industry customizable**
  Opt. versatile configurable & expandable

- **Simple handling**
  User-friendly, intuitive operation without programming knowledge

- **Intralogistically networkable**
  Pallet locations prepared for the connection of driverless transport systems

FOR FURTHER INFORMATION PLEASE VISIT > HAHNROBOTICS.COM

TECHNICAL SPECIFICATIONS *

PALLETIZING KIT HR-10

Max. load capacity:	12.5 kg (approx. 10 kg net/package)
Robot:	Cobot Universal Robots UR10e
Dimensions Kit** (WxD):	2,288 x 1,880 mm
Tare weight Kit:	approx. 400 kg
Pallet types:	max. Standard EUR
Range of robot:	1,300 mm
Max. stacking height***:	2,000 mm
Temperature range:	0 to 50 °C

PALLETIZING KIT HR-20

Max. load capacity:	20 kg (approx. 17 kg net/package)
Robot:	Cobot Doosan H2017
Dimensions Kit** (WxD):	2,572 x 1,299 mm
Tare weight Kit:	approx. 500 kg
Pallet types:	Standard EUR, CP1, CP2
Range of robot:	1,700 mm
Max. stacking height***:	2,200 mm
Temperature range:	-5 to 45 °C

* Specifications as provided by the manufacturer at the time of printing; subject to change & errors excepted.

** excl. conveyor belt, incl. EUR pallets

*** exact height depending on palletizing pattern, package dimensions & pallet type
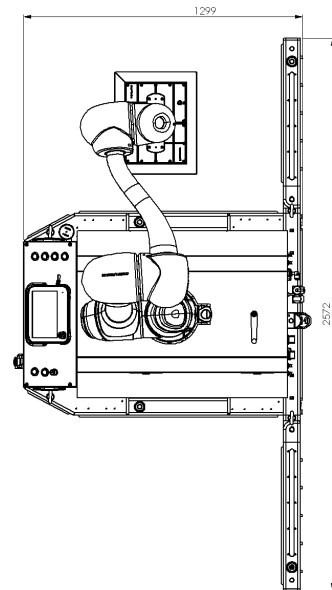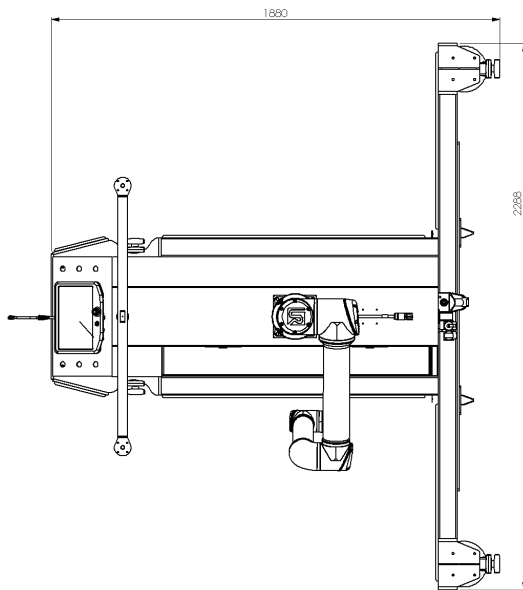
BOTH VERSIONS

Pallet locations:	2 - prepared for AGV connection
Power supply:	16A, 400V
Compressed air:	6 bar
Interfaces Kit:	I/O
	Profinet, Modbus, TCP IP = optional
	Other interfaces on request.
Safety:	KAT. 3 Pld, CE conformity
	based on guideline TS 15066
	additional safety bumpers
Cycle output:	depending on product weight, pack
	image & pallet type 4-36 packs/min.

SCOPE OF DELIVERY

1x Mobile frame with castors

1x Control cabinet unit & control panel

1x Suspension with machine signal lights

1x Cobot

1x Areal vacuum gripper, 2-fold (2 suction circuits)

1x Set bumper housing for robot joints & gripper (tactile)

1x Set flexible cable/hose guide for robot

1x DAHL LogiSort palletizing software

Opt.: intermediate layers, adjustable multiple grippers, conveyor belts, telescopic lifting axis, image processing, stainless steel design

Safety & Consulting

Commissioning

Education & Training

Maintenance & Service

HAHN ROBOTICS ®
next to you