

COLLABORATIVE / BOXES PALLETIZING SYSTEM

The COBOX is how ABRIGO has imagined and engineered a right collaborative concept for palletizing operations dedicated to all his potential customers.

The safest compliant and easiest to use system on the market, want to be the next milestone for our customers and the next future.

The COBOX is addressed to all those who need a flexible, moveable, affordable palletizing system.

COBOX is equipped by a full safe scanner system on the floor join to the integrated collaborative function of the cobot. This solution doesn't require any additional safe system on board to the grippers and permit to be fast as nobody else.

COBOX is provide in three different sizes, engineered on purpose to answer to all the customer needs.

MAIN FEATURES

SINGLE gripper system

SINGLE roller conveyor feeding

COBOT : 6 AXIS OMRON 10 Kg payload

COBOT : 6 AXIS DOOSAN 20 Kg payload

ADDITIONAL 7th Z AXIS

Min. box dimension mm : L=220 H=140 W=220

Max. box dimension mm : L=400 H=200 P=400

Max. box weight :7-8 Kg (TBD by the gripper)

Max. box weight :15-16 Kg (TBD by the gripper)

Max palletizing height: H=2000 mm

Max palletizing height: H=2500 mm (TBD by the box dimension)

Available pallet configuration: UE 1200x800

Available pallet configuration: US 1200x1000

Available pallet configuration: US 1200x1000

Scanner system for detection working area

Easy to use palletizing software

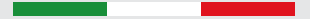
AVAILABLE ACCESSORIES AND CONFIGURATION:

Slip sheet storage

MULTIPLE gripper system

DOUBLE roller conveyor feeding

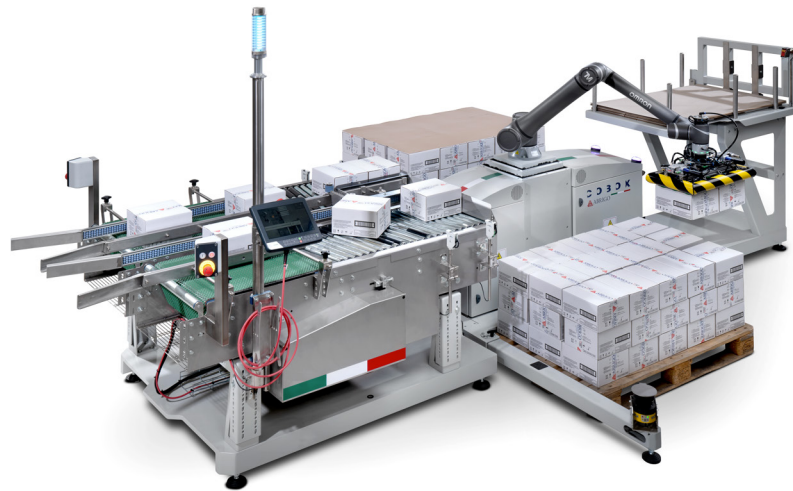
DEPALLETIZING software mode



TECHNICAL DATA

Product feeding	IN LINE
Product feeding height	1000 mm
Air supply	pneumatic tube 12mm:6bar 350Nlt/min
Electric supply	220Volt monophase 16A
Max foot print	Length.3450 Width .3060 Height
Weight (Kg)	450 500 550
Color	RAL7035
Protection	IP54
Certification	CE

SIZE S



SIZE L

