

PAT Industrial Solutions

Att: Francisco Calderon

## OFFER 26291 - F

We thank you for your inquiry and have the pleasure to offer as following,

### UniGripper with Vacuum Source.

Product to handle:	Rows of cases.
UniGripper size:	App. 1220x720mm.
Zones:	1 zone
Weight:	App. 80kg
Filter system:	Equipped with filter cassette.
Quick change system:	The UniGripper is delivered with foam carrier plate (screw-on) for quick change of suction rubber.
Vacuum Source:	Side channel blower 7.5kW/50Hz, with reverse blow unit.
Reverse Blow unit	Included. Function: vacuum on/off, quick release and automatically cleaning of valves.
Silencer:	2 pcs included on reverse blow unit.
Vacuum hose:	10 m PUR 76 mm dia.
Vacuum relief valve:	Included.
Swibot:	Robot spacer with integrated swivelling vacuum hose connection included for easier hose management. Swibot attachment made to fit ABB IRB660 robot.
Pallet handling:	Included. Pallet hooks along long sides of the gripper. To pick pallets on the shortest side (1000mm)
Pneumatics:	2 pcs cylinders mounted on reverse blow unit. 2 pcs for operating pallet hooks. Valve terminal included on tool with valves for the pallet hooks and zone control and tubing connected between these.
Electrics:	Valve terminal includes an input terminal where sensors on the pallet hook will be connected. Valve terminal also includes an output terminal with Ethernet/IP interface.
Valves/sensors:	Valve and sensors on reverse blow unit included.

**Net Price:** **USD 14 100**

### Option: Cable Chain around Swibot

The option adds a cable chain through which cables and tubes to the valve terminal can be routed. The cable chain is designed to enable rotation of the tool +/-100° from default position.

The option adds app. 7kg to gripper weight and 60mm to gripper height.

**Net Price:** **USD 1 800**

### Add-on: Analog vacuum Switches

Analog vacuum switches on gripper and on blower/reversing valve. Add-on also includes an analog input terminal to which the analog vacuum switch will be connected.

**Net Price:** **USD 1 050**

NB: We need samples before final offer.

We strongly recommend the using of a frequency inverter to fully control the power supply.

We hope that you will find our offer attractive and looking forward to hear from you.

Best regards,  
Tepro Machine & Pac-System AB

Björn Bodén

### *UniGripper general conditions*

Delivery time:	App 6 working weeks after accepted order.
Term of delivery:	FCA Torsby, NL 09 E, excl wrapping/packing.
Terms of payment:	1/3 by order within 10 days, 1/3 before delivery, 1/3 by delivery within 30 days. If payment is settled later than agreed, interest will be invoiced at 2% per month. Delay of down payment by order, will result in delay of delivery.
Warranty:	One year after delivery, used in one shift, including material and work. Wear parts like rubber-parts, filters, tubing and cylinders are not included in warranty. Travelling and freight-costs will be invoiced if the product is not returned to our factory.
Prices	In US Dollar (USD). The delivered products are the property of Tepro Machine & Pac-System AB until full payment is settled. Prices after offer validity time expiring can be changed due to conversion rate changes between Swedish Krona and USD.
Documentation:	-Service and Maintenance -General assembly drawing -CE-declaration
Compressed air:	If nothing else is stated in the offer above, compressed air supplied to the offered components above, should be 6bar / 87psi, dry and clean.
Test material:	In case there are needs for test materials, the costs for products and shipping are on the customers care and charge.
Validity time:	The offer is valid for one (1) month from issued date.