









SUCCESS

3 and 5-axis robots from 20 to 900 ton for injection molding machines

YOUR AFFORDABLE TECHNOLOGICAL BREAKTHROUGH

-  5
-  11C
-  11 
-  22 
-  33 



The Success Line has been completely redesigned by Sepro. This best-seller is now also available in a 5-axis version, making best-in-class technology more affordable and more compact.

Available for IMM from 20 to 900 ton. Features longer vertical and demold strokes, handles heavier payloads, now with our patented cam follower bearing technology.

EXPERIENCE FULL CONTROL

SUCCESS

YOUR AFFORDABLE TECHNOLOGICAL BREAKTHROUGH



The recognized reliability of a best-seller

Experience the complete redesign of one of Sepro's best sellers, designed for IMM from 20 to 900 ton.

- Modular Platform to cover more than 90% of customer's needs.
- Outstanding reliability with the cam followers technology: SLS (Sepro Linear System)™
- Enhanced Gripping components: larger capacity, more compact footprint

The Success offer is perfectly adapted to all your simple pick-and-place and stacking applications.

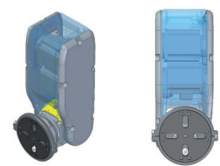
Thanks to the Touch 2 control system, it is easy and friendly to use.

Introducing a technological breakthrough

Success Line X, the 5-axis version of the Success robots benefits from the very latest technology, as well as the reliable and high-performance mechanical designs.

- A cost effective high quality robot
- A flexible solution for most applications
- Servo wrist rotations for greater accuracy and reliability

5-servo-axis Cartesian robots represent the future of injection-molding automation.



Success Line X : the new servo-wrist

The new Success servo-wrist is co-developed with Yaskawa and is available on SUCCESS LINE X.

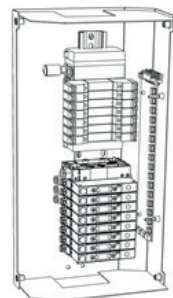
High torque, high accuracy, compact design, available on all Success X range: Success 11X, Success 22X, Success 33X.

New compact Z Axis control box

This configuration is more compact, allowing the integration of

- Up to 8 vacuum and 8 pressure circuits as a standard option
- Pneumatic or servo rotation control

Available on all robots of all Success ranges.



Smart lubrication system

With the new Success lines comes a new lubrication system for the cam followers

- Easy and quick maintenance
- Requires only an annual change



Y free Motion : always available !

The Y free function is a Sepro manufacturing standard.

It simplifies the programming of part accompaniment during ejection and can reduce the cost and wear of your EOATs (simplified design).

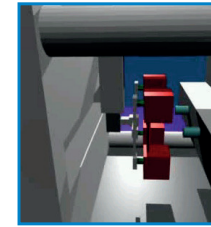


Compact beam-mounted control cabinet

Redesigned cabinet for better accessibility and maintenance. Also available for the 5-axis Success line.

The compact control cabinet is mounted on the end of the beam as standard. Its innovative feature is its flexible installation, as it can be installed on the left or right, depending on your setup, to free floor space.

SUCCESS IS EQUIPPED WITH THE TOUCH 2 CONTROL SYSTEM AS STANDARD



Simply Intuitive

With the Simple Pick-and-Place Module, create your cycle just by answering the system's questions and see the result immediately in 3D on the video (Simple Pick-and-Place and regular stacking).



«What you see is what you get»

Make your daily routine easier :

- When fine-tuning, the joystick makes delicate settings in the mold possible
- The large, 10" LCD screen gives you clear and precise information
- The documentation can be consulted on line when you want
- If a fault appears, troubleshooting data is displayed automatically
- USB key allows for ease of transferring and downloading programs
- Eco Mode: Once the cycle is started, a single key can reduce energy consumption and extend your robot's working life
- Digital vacuum switch (option): set and save your part grip settings for each mold directly on the pendant



Tried and tested ergonomics

Task-based navigation means you can directly access the job to be done :

- Production
- Mold Change
- Programming
- Maintenance

FROM TOUCH 2 TO VISUAL 2

For your complex applications, Success can be equipped with Visual 2 : a modular offer that can evolve over time.

- A PLC associated with each application to manage your stacking or insert distribution peripherals
- Possible to associate up to 3 simultaneous subroutines with the robot's program and the PLC
- Manage up to 1000 different applications (100 on Touch 2)
- Make mold changes completely safe using mold encoding and/or EOAT encoding (encoded plug)



20 to 250 tons

	3 AXIS			5 AXIS
	Success 5	Success 11C*	Success 11**	Success 11X**
Mold clamping force - Indication metric tons	20 - 80	50 - 150	80 - 250	80 - 250
Mold clamping force - Indications US tons	22 - 88	55 - 175	88 - 275	88 - 275
Horizontal stroke (mm) (1)	1000-1500	1500 - 3500	1500 - 4000	1500 - 4000
Maximum instantaneous speed (m/s)	2	2	2	2
Demold stroke (mm) (LD(2))	400	500	500 - 700(LD)	500 - 700(LD)
Maximum instantaneous speed (m/s)	2	2	2	2
Vertical direct arm	✓	✓	✓	✓
Vertical stroke (mm)	1000	1000	1200	1200
Maximum instantaneous speed (m/s)	3	3	3	3
R1 pneumatic rotation (0-90°)	✓	✓	✓	N/A
R1 (0-180°) + R2 (0-270°) servomotor rotation	N/A	N/A	N/A	✓
Maximum load (parts + EOAT) (kg) (HL(3))	3	5	6	6
Part grip - Vacuum or pressure circuit	1	1	N/A	N/A
Part grip - Vacuum and pressure circuit	N/A	N/A	-	-
Compact beam-mounted control cabinet	✓	✓	✓	✓
TOUCH 2 control system	✓	✓	✓	✓

OPTIONS

	4 P/V	8V + 8P	8V + 8P
Part grip - Vacuum + pressure circuit MAX			
Vertical telescopic arm	N/A	✓	✓
Vertical stroke (mm)	N/A	1200	1400
Maximum instantaneous speed (m/s)	N/A	3	3
R2 pneumatic rotation (0-90° - 180°)	N/A	✓	✓
R3 pneumatic rotation (0-90° or 0-180°)	✓	N/A	N/A
Maximum load (parts + EOAT) (kg) (HL(3))	2,5	5	6
Smart vacuum switch	DIGITAL VAC	DIGITAL VAC	✓
Floor-standing control cabinet	N/A	✓	✓
VISUAL 2 control system	✓	✓	✓

(1) Can be adapted by 500 mm steps

(2) Long Demolding Version

(3) Heavy Load Version

* Success 11C(ompact)

** New robot generation

WHY CHOOSE SEPRO ?

Sevro manufacturer n°1 in Europe - Major performer in North and South America

Main supplier for the Automotive, Medical and Packaging industries in Europe and the USA

A full line of robots from 3 to 6 axis with a smart and user-friendly control

Over 40,000 installations worldwide

EXPERIENCE FULL CONTROL

www.sepro-group.com

200 to 900 tons

	3 AXIS		5 AXIS	
	Success 22**	Success 33**	Success 22X**	Success 33X**
Mold clamping force - Indication metric tons	200 - 500	350 - 900	200 - 500	350 - 900
Mold clamping force - Indications US tons	220 - 550	385 - 990	220 - 550	385 - 990
Horizontal stroke (mm) (1)	1500 - 6000	2000 - 7000	1500 - 6000	2000 - 7000
Maximum instantaneous speed (m/s)	2	2	2	2
Demold stroke (mm) (LD(2))	700 - 900 (LD)	900 - 1100 (LD)	700 - 900 (LD)	900 - 1100 (LD)
Maximum instantaneous speed (m/s)	2	2	2	2
Vertical direct arm	✓	✓	✓	✓
Vertical stroke (mm)	1400	1600	1400	1600
Maximum instantaneous speed (m/s)	3	3	3	3
R1 pneumatic rotation (0-90°)	✓	✓	N/A	N/A
R1 (0-180°) + R2 (0-270°) servomotor rotation	N/A	N/A	✓	✓
Maximum load (parts + EOAT) (kg) (HL(3))	10	15 - 20(HL)	10	15 - 20(HL)
Part grip - Vacuum or pressure circuit	N/A	N/A	N/A	N/A
Part grip - Vacuum and pressure circuit	-	-	-	-
Compact beam-mounted control cabinet	✓	✓	✓	✓
TOUCH 2 control system	✓	✓	✓	✓

OPTIONS

	8V+ 8P			
Part grip - Vacuum + pressure circuit MAX	✓	✓	✓	✓
Vertical telescopic arm	✓	✓	✓	✓
Vertical stroke (mm)	1600	1800	1600	1800
Maximum instantaneous speed (m/s)	3	3	3	3
R2 pneumatic rotation (0-90° - 180°)	✓	✓	N/A	N/A
R3 pneumatic rotation (0-90° or 0-180°)	N/A	N/A	N/A	N/A
Maximum load (parts + EOAT) (kg) (HL(3))	10	15	10	15-20 (HL)
Smart vacuum switch	✓	✓	✓	✓
Floor-standing control cabinet	✓	✓	✓	✓
VISUAL 2 control system	✓	✓	✓	✓

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