

COMPETENCE IN AUTOMATION

WEMO.

Basic2

LINEAR SERVO ROBOTS



BASIC



ROBOT RANGE



The Basic2 serie is a well proved design of full performance robots for automation around the injection moulding machine.

All Basic2 series robots has servodrives on all axes and are optimized for takeout, insert moulding, palletizing etc.

The Basic2 range is designed to add all of our options to make customized solutions with highest level of flexibility.

The 8-5 and 20-5 are also available to use for double arm concept with 5 axes linear motions. This solution is optimized for three platen moulds or stack moulds.

An integrated control cabinet on the robot reduces the need of floor space and facilities cable installation. For special needs it's also available with floor mounted cabinets as option.



FLEXIBILITY



WEMO ECO FUNCTION

ECO Function – standard energy function on all Wemo robots

In order to save energy and reduce the mechanical wear, Wemo eco function works adaptively. The robot automatically adjusts the movements outside the mould area to the actual cycle time of the IMM.

This results in smoother movements with less wear as well as reduced energy costs.

5 SERVO AXES

The newly designed compact servo rotations allows precise positioning and fully flexibility for all kinds of applications.

This makes this models to a flexible solution for all kind of automations.



With our service and remote system it is possible to access the robot within your company or by using a standard web browser from any location. It will also reduce downtime and costs if a fault occurs.

WEMO REMOTE SYSTEM GLOBAL CONNECT



THE SIMPLIEST WAY IS THE FASTEST WAY

WIPS

WEMO INTUITIVE PROGRAMMING SYSTEM

The unique WIPS (Wemo Intuitive Programming System) guides the operator through the program. It's fast and easy to learn, meaning minimum programming time. A complete program has now been created with simplified instructions. 100 rows of code have been reduced to only 5 symbols.

THIS MAKES THE WIPS SOFTWARE POWERFUL AND EASY TO USE.

WIPS PLASTIC

W-HP7

The ergonomic handheld W-HP7 panel makes operating the robot comfortable and easy. Clear and understandable interactive dialogues provide the user with the required information.

HIGHEST LEVEL OF USER FRIENDLINESS

ROBOT RANGE

The Basic2 range of linear robots contains 6 models, starting with the Wemo 6-5 with fast movements and high flexibility for machines from 25-250 tonnes.



The 20-5 & 20-7 are stable designed robots for machines from 500-1 500 tonnes with a handling weight of 25-32 kg.

The largest robotmodels 26-5 & 26-7 are for handling high payload and designed for machines up to 4 000 tonnes with handling weight of 50-75 kg.



Machinesizes: 25-250 tonnes
 Z-axis (horizontal): maximum stroke: 2 150mm
 X-axis (kickstroke): maximum stroke: 420mm
 Y-axis (vertical): maximum stroke: 1 200mm
 Handling weight: 5 kg



Machinesizes: 500-1 000 tonnes
 Z-axis (horizontal): maximum stroke: 6 350mm
 X-axis (kickstroke): maximum stroke: 1 500mm
 Y-axis (vertical): maximum stroke: 2 400mm
 Handling weight: 25 kg

20-7

Machinesizes: 800-1 500 tonnes
 Z-axis (horizontal): maximum stroke: 6 350mm
 X-axis (kickstroke): maximum stroke: 1 500mm
 Y-axis(vertical): maximum stroke: 2 400mm
 Handling weight: 32 kg



The 8-5D Basic2 is a double arm robot with one main arm and one sub arm. This sub arm is like all other linear axes with servomotion and possible to use with only spruegripper or C-axis wrist motion. This double arm concept is also available for the modeltype 20-5.



Machinesizes: 75-350 tonnes
 Z-axis (horizontal): maximum stroke: 4 460mm
 X-axis (kickstroke): maximum stroke: Y1=275 mm
 X2=275 mm
 Y-axis (vertical): maximum stroke: Y1=1 200 mm
 Y2=1 250 mm
 Handling weight: Y1=3 kg, Y2=5 kg



Machinesizes: 1 300-2 000 tonnes
 Z-axis (horizontal): maximum stroke: 8 000mm
 X-axis (kickstroke): maximum stroke: 2 000mm
 Y-axis (vertical): maximum stroke: 3 000mm
 Handling weight: 50 kg

26-7

Machinesizes: 1 500-4 000 tonnes
 Z-axis (horizontal): maximum stroke: 8 000mm
 X-axis (kickstroke): maximum stroke: 2 000mm
 Y-axis (vertical): maximum stroke: 3 000mm
 Handlingweight: 75 kg



ROBOT RANGE



WEMO ROBOT SYSTEM



WEMO GRIP SYSTEM



WEMO CONVEYOR SYSTEM



WEMO SAFETY SYSTEM



WEMO PERIPHERAL SYSTEM



WEMO APPLICATION SYSTEM

COMPETENCE IN AUTOMATION



WEMO AUTOMATION AB Bredastensvägen 12 SE-331 44 Värnamo WEMO.SE
Tel: +46 370 658500 Fax: +46 370 658519 Lat: N 57° 9,461" Long: E 14° 4,728"