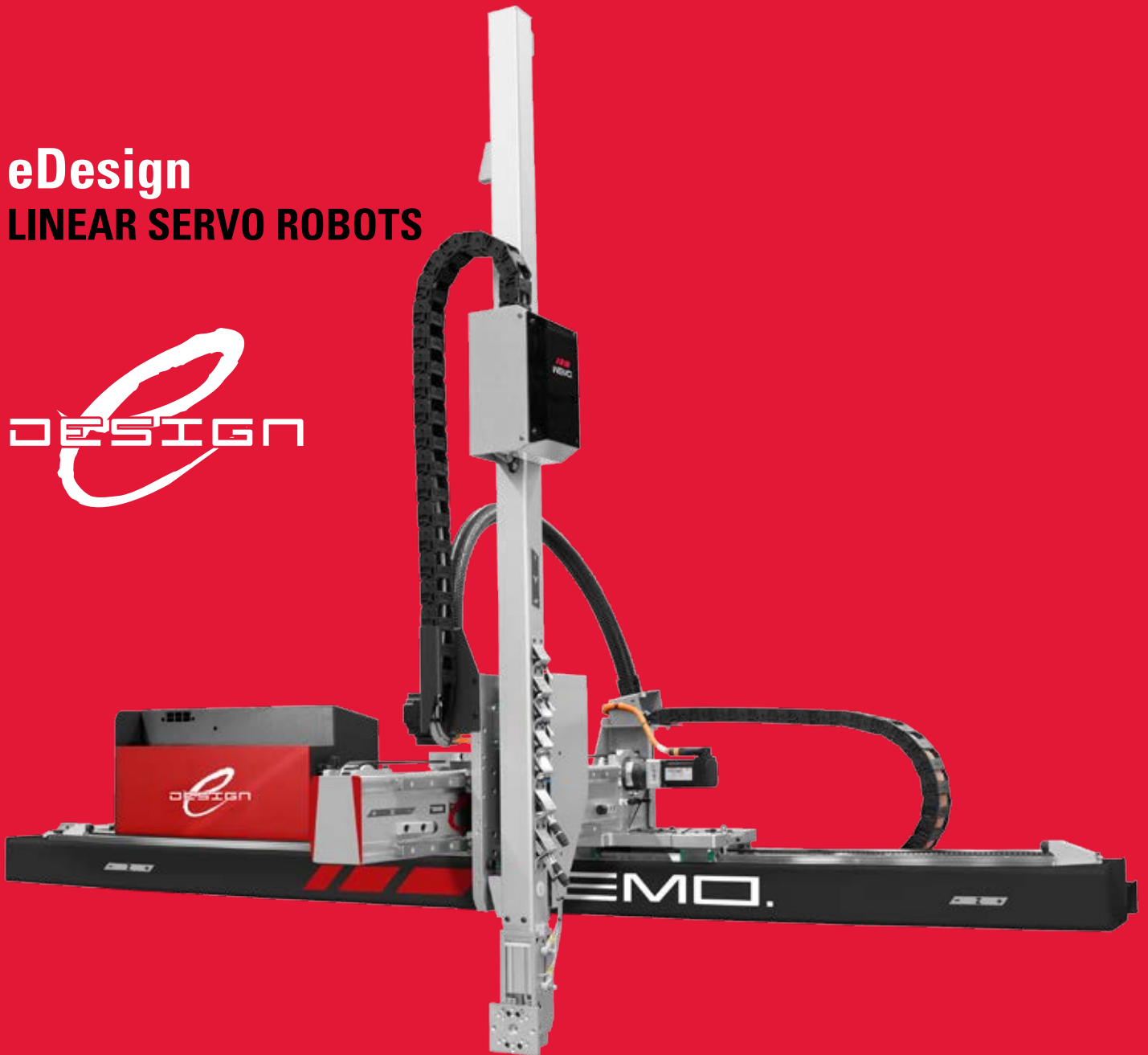


eDesign
LINEAR SERVO ROBOTS



PASSION FOR AUTOMATION

ROBOT RANGE



The new eDesign robot range is designed for pick and place applications and for more flexible automation.

With the wide range of models from the 6-5 eDesign with 4kg handling weight up to the largest 16-7 eDesign with 15 kg, it manages the requirements of machine sizes from 25-800 tonnes.

eDesign stands for **economy**, **efficiency** and **energy saving**. These are the most important factors for an investment to be competitive in production.

Our well-known easy and user-friendly programming makes the set-up simple.

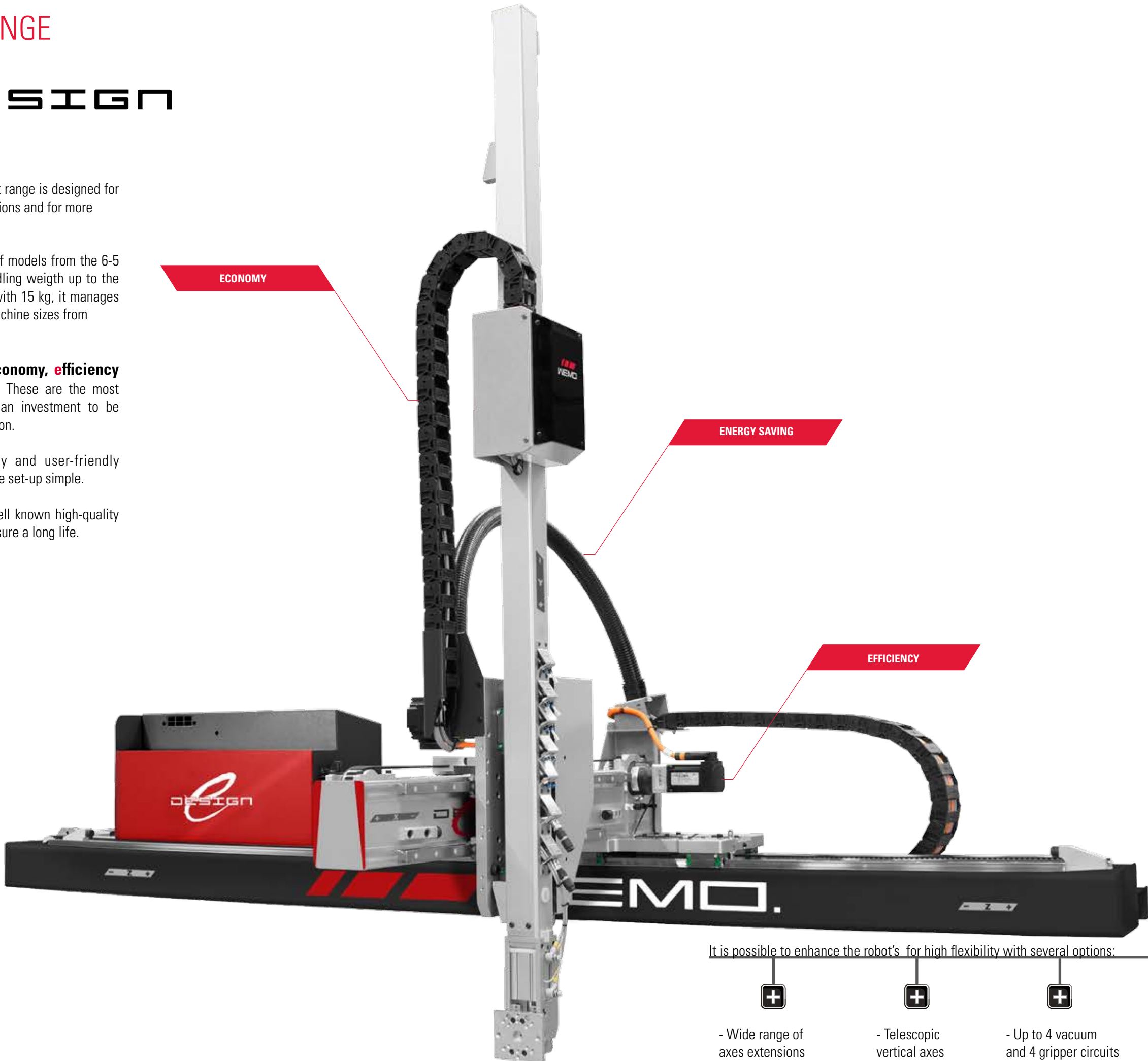
All components are well known high-quality European brands to ensure a long life.

FLEXIBILITY

FLEXIBILITY

The robot range is designed with AC servo motors in all three axes for simultaneous movement (3D), ensuring speed and with high precision.

This is important for inserting of parts or assembly operations.
The planetary gearboxes result in maximum output efficiency.



It is possible to enhance the robot's for high flexibility with several options:

- + - Wide range of axes extensions
- + - Telescopic vertical axes
- + - Up to 4 vacuum and 4 gripper circuits
- + - Additional rotation axis – pneumatic or multi-B
- + - WGS Quick Lock gripper changer



EASY PROGRAMMING

The simplest way is the fastest way, leading to time and cost savings. This is our well-proven programming concept using the new WIPS symbols. This results in short operator learning time.

Free programming

The operator makes the program without any restrictions. By using symbols this mode allows maximum flexibility even for more complex applications.

Our symbol-based solution makes programming easy to learn. This programming method offers the user unique opportunities.

Wemo Offline software for PC

With this software you can prepare new programs in the office. This reduce the startup time to a minimum and also allows you to optimize existing programs.



The new ergonomic handheld W-HP10 with a large clear touch screen makes programming easy.

The USB memory stick and the integrated touch pen are standard.

A 3-position dead man's handle is optional.

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 its 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.



WIDE RANGE 25 - 800 TONNES

The range of eDesign robotsystem covers machinesizes from 25 - 800 tonnes, with a handling weigth of 4 -15 kg.



The smallest model designed for machines up to **200 tonnes**

Z-axis (horizontal)	maximum stroke: 2 150mm
X-axis (kickstroke)	maximum stroke: 420mm
Y-axis (vertical)	maximum stroke: 1 200mm
Handling weigth	4 kg



The middlesized model designed for machines up to **300 tonnes**

Z-axis (horizontal)	maximum stroke: 3 620mm
X-axis (kickstroke)	maximum stroke: 580mm
Y-axis (vertical)	maximum stroke: 1 400mm
Handling weigth	5 kg



WEMO eDESIGN



The larger model designed for machines up to **650 tonnes**

Z-axis (horizontal)	maximum stroke: 4 550mm
X-axis (kickstroke)	maximum stroke: 800mm
Y-axis (vertical)	maximum stroke: 1 800mm
Handling weigth	10 kg



The largest model designed for machines up to **800 tonnes**

Z-axis (horizontal)	maximum stroke: 4 550mm
X-axis (kickstroke)	maximum stroke: 920mm
Y-axis (vertical)	maximum stroke: 1 800mm
Handling weigth	15 kg



WEMO ROBOT SYSTEM



WEMO GRIP SYSTEM



WEMO CONVEYOR SYSTEM



WEMO SAFETY SYSTEM



WEMO PERIPHERAL SYSTEM



WEMO APPLICATION SYSTEM

PASSION FOR AUTOMATION



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