

SIZE 1 AREA GANTRY ROBOT AGC-1



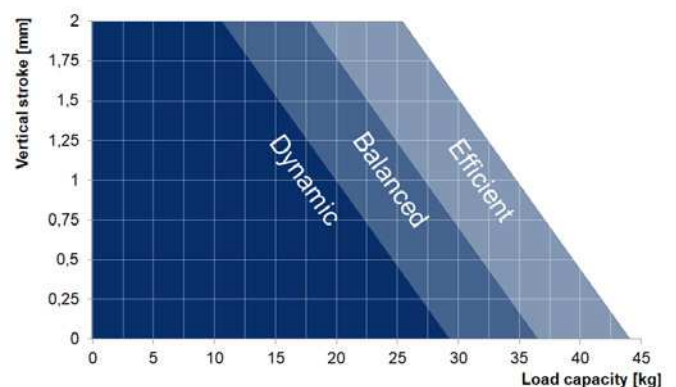
THE AGC-1 IS DESIGNED FOR HANDLING WEIGHTS OF UP TO 25 KG, MASTERS VERTICAL STROKES UP TO APPROX. 2 M AND REACHES A MOVEMENT SPEED OF UP TO 2 M/S WITH ACCELERATION OF UP TO 4 M/S².

THANKS TO ITS CROSS ARM, THE AGC-1 OFFERS THREE AXES IN A COMPACT INSTALLATION SPACE. IT IS THEREFORE IDEAL FOR COVERING LONG DISTANCES WITH A WIDTH OF UP TO 0.4 M (Y-STROKE) IN A CONFINED SPACE.

THE RACK AND PINION SYSTEM ALLOWS THE TRANSMISSION OF LARGE FORCES AS WELL AS PRECISE POSITIONING. USING INTEGRATED T-NUT RAILS, THE SUPPORT ENABLES THE RACK AND ALL ATTACHED COMPONENTS TO BE POSITIONED FLEXIBLY DURING ASSEMBLY. THE LINEAR HORIZONTAL AXIS CAN BE EXTENDED TO OVER 100 M.

LOAD CLASSES

- **Dynamic** ($v = 2 \text{ m/s}$, $a = 4 \text{ m/s}^2$)
with additional load of up to 15 kg*
- **Balanced** ($v = 1.5 \text{ m/s}$, $a = 4 \text{ m/s}^2$)
with additional load of up to 20 kg*
- **Efficient** ($v = 1 \text{ m/s}$, $a = 3 \text{ m/s}^2$)
with additional load of up to 25 kg*



*Load specifications refer to a vertical stroke of 1.5 m.

MORE INFORMATION?

Do you require more detailed information or a CAD model of our product? Then please get in touch with our sales team.

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