

SIZE 2

AREA GANTRY ROBOT AGC-2



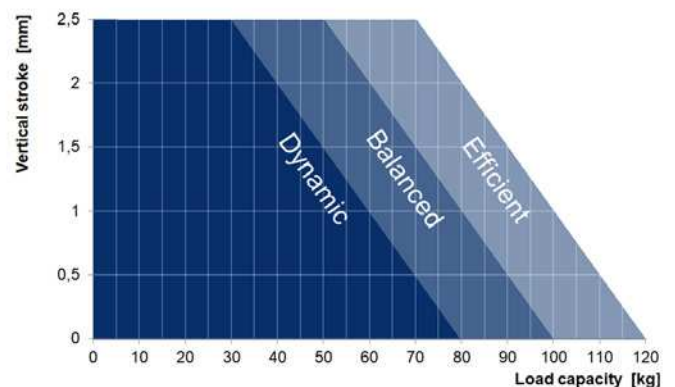
THE AGC-2 IS DESIGNED FOR HANDLING WEIGHTS OF UP TO 90 KG, MASTERS VERTICAL STROKES UP TO APPROX. 2.5 M AND REACHES A MOVEMENT SPEED OF UP TO 2 M/S WITH ACCELERATION OF UP TO 4 M/S².

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

THE RACK AND PINION SYSTEM ALLOWS THE TRANSMISSION OF LARGE FORCES AS WELL AS PRECISE POSITIONING. THE DOVETAIL GUIDE 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 50 kg*
- **Balanced** ($v = 1.5 \text{ m/s}$, $a = 4 \text{ m/s}^2$)
with additional load of up to 70 kg*
- **Efficient** ($v = 1 \text{ m/s}$, $a = 3 \text{ m/s}^2$)
with additional load of up to 90 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.

vertrieb@fibro-laepfle.de