**engineering** innovations
worldwide

# ikarus

low cost allround
universal manipulator

esmo semicon

## key features

· stand-alone footing version – standard

· linear footing version – easy-to-handle foot brake

· left/right swing configurations

· fork arm width adjustable as per test head configuration

· motor-assisted z-axis motion (true linear motion feature) (optional)

· side-to-side arm system feature for enhanced handling flexibility (optional)

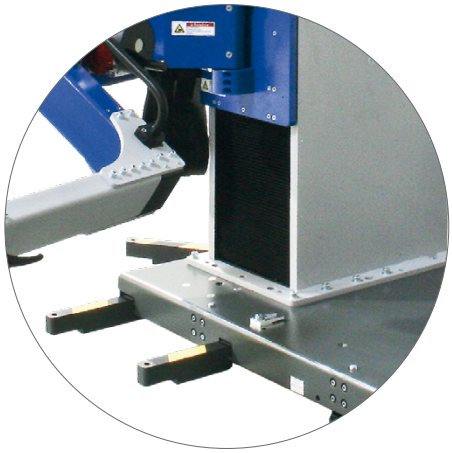
· server base platform version with linear rails (optional)

· twist axis gear box included

· tumble lock feature with indexing bolt | tumble gear box (optional)

· active cable management for optimized cable handling

· numerous additional, unique features for individual set-up requirements



## specifications

| · **weight:** | **standard footing** | **linear footing** |
|---|---|---|
| load capacity | 300 kg (661 lbs) | 300 kg (661 lbs) |
| system unloaded | 710 kg (1,565 lbs) | 810 kg (1,786 lbs) |
| system loaded | 1,310 kg (2,888 lbs) | 1,410 kg (3,109 lbs) |

| · **linear drive:** | | |
|---|---|---|
| vertical travel (z-axis) | 900 mm (39”) | manual |
| linear footing: | 550 mm (21.7”) | manual |
| swing: | 220° | manual |
| side to side: | 960 mm (37.8“) | manual |
| in/out: | 290 mm (11.4“) | manual |
| tumble: | 180° | manual |
| twist: | 360° | manual |
| theta adjustment: | 2.5° | manual |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