

Rebel S

**Innovative modular
& scalable SCARA**

Rebel-S6-0.45

Rebel-S6-0.60

Rebel-S6-0.75



The diagram illustrates a 6-axis industrial robot arm with the following specifications:

- Axis 3:** $\pm 150^\circ$ (vertical rotation)
- Axis 4:** $\pm 2700^\circ$ (horizontal rotation)
- Axis 2:** $\pm 150^\circ$ (shoulder rotation)
- Axis 1:** $\pm 132^\circ$ (base rotation)

The robot arm is shown in a 3D perspective view, with a "Calibration Plane 'Z=0'" indicated. The end effector is a gripper with two fingers, labeled 3a and 3b. The gripper is positioned over a set of coordinate axes (1a, 1b, 2a, 2b, 3a, 3b, 4a, 4b, 5a, 5b, 6a, 6b) which define the workspace.