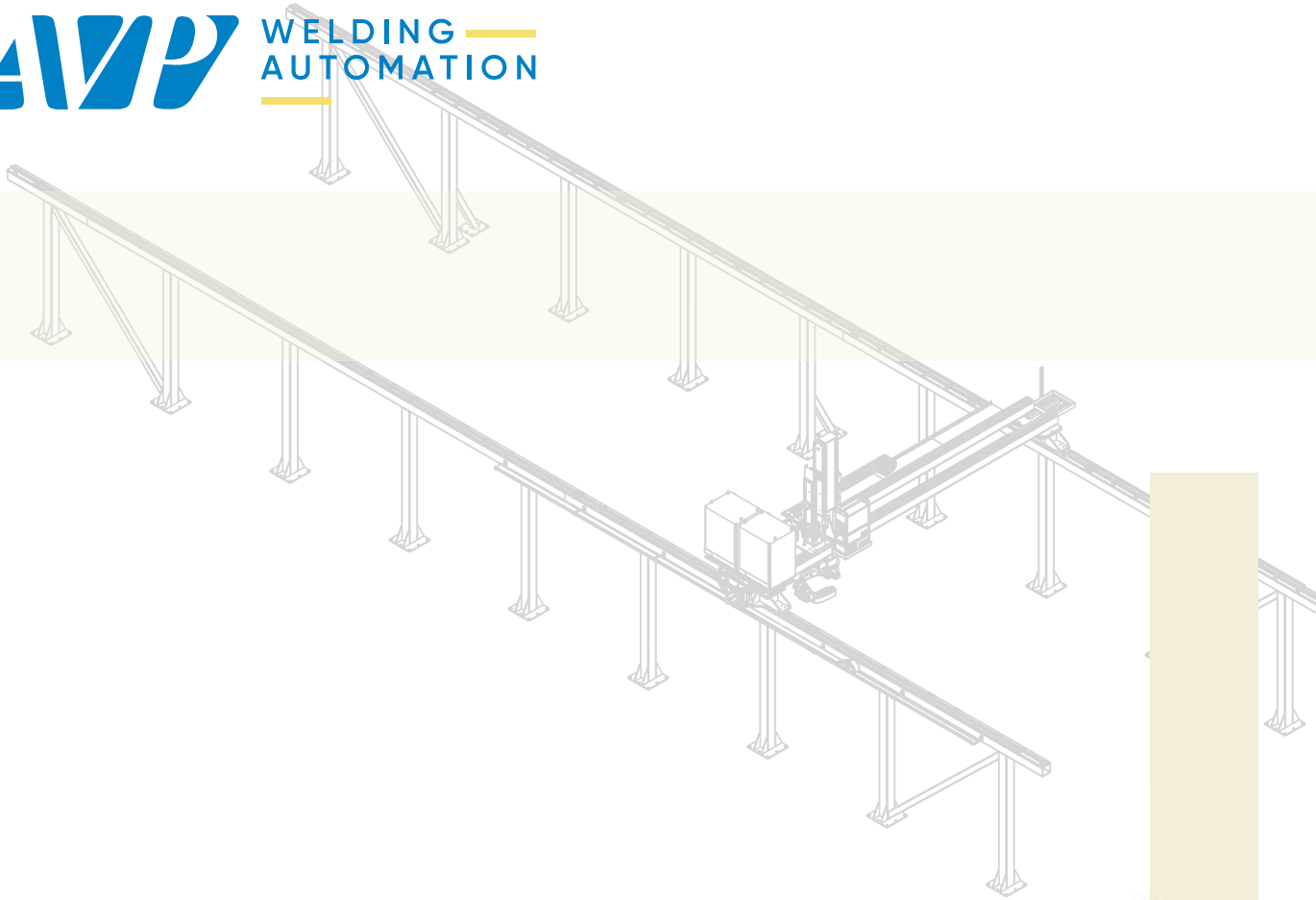




WELDING  
AUTOMATION



AVP

**PORTAL FOR ROBOT WELDING**

## **PORTAL FOR ROBOT WELDING**



**PORTAL CONSTRUCTION (26 m X axis travel, 7 m width)**

We offer the development and complete manufacturing of **heavy-duty, portal-type structures for robot welding**. These constructions are typically used for the movement of a welding robot along a 3-axis path. It can be modular, allowing for easy assembly.

Our design ensures that the entire structure can be assembled with the utmost precision. Additionally, the construction typically includes a carriage for the welding source and the robot controller. With precision linear rails, we achieve precise movement over distances exceeding 20 meters. Shorter length of the track is also available. Servo motors for all three axes are connected and controlled by the robot controller.

- Length and width can be customized,
- mounted on linear rails with bearings blocks,
- robot controller, welding source and wire spools (barrel) mounted on the portal,
- ready for robot mounting (robot is mounted upside down),
- cable chain for each axis - for all cables and hoses.



**ROBOT & POWER SOURCE**