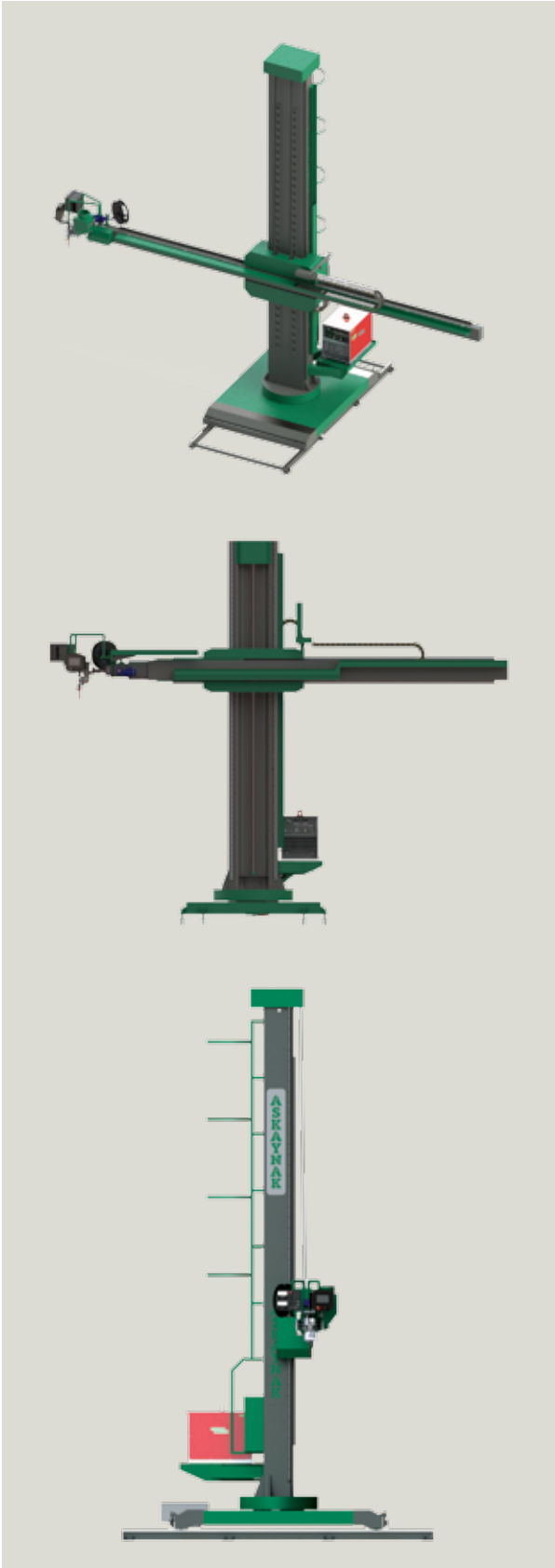


Column-Boom Systems



Askaynak Column-Boom systems are the automation systems which enable lower labor cost by speeding up circular and linear welding operations on cylindrical materials with the aid of rotator and positioner.

Askaynak Column-Boom systems offer maximum welding quality and precision by vibration free linear bearings. Digital and touch-sensitive control panel allows synchronized control of column-boom and Askaynak branded rotators and positioners.



Column-Boom Systems

Standard Features

- High-precision and vibration-free skid framework for flawless weldings
- Durable external painting resistance against scratches and damages
- Touchscreen digital main control unit that can control all features of column-boom and rotators
- Integrated powder collection system for decreasing
- Manuel column rotation system
- Limit switch of engines for mechanical safety of column-boom and emergency situations
- Drop-Lock system that prevents boom to fall down
- Welding metal deposition rate up to 9 kg/hour (with IdealArc DC1000- NA3 welding head combination)

Optional Features

- Motorized column rotation system
- PLC unit that enables remote control
- Track and trace systems for multipass welding operations of thick materials
- Laser track and trace systems for welding operations of thin materials
- Motorized carriage
- Oscillation unit for MIG welding
- Motorized welding head movement
- Narrow Gap welding head enabling welding material saving near 50% for welding operations of thick materials
- Submerged Band coating head
- TWIN welding head providing 13 kg/h welding metal output



MODEL FEATURE	AS HD 3x3	AS HD 4x4	AS HD 5x5	AS HD 6x6
Boom Minimum Height	750 mm	750 mm	750 mm	750 mm
Boom Maximum Height	4000 mm	5100 mm	6200 mm	7350 mm
Total Height	4800 mm	5800 mm	6800 mm	7800 mm
Boom Minimum Elongation	600 mm	600 mm	600 mm	600 mm
Boom Maximum Elongation	4200 mm	5200 mm	6200 mm	7200 mm
Boom Vertical Axis Speed	16 m/dk	15 m/dk	15 m/dk	14 m/dk
Effective Working Area	3000 x 3000 mm Optional	4000 x 4000 mm Optional	5000 x 5000 mm Optional	6000 x 6000 mm Optional