

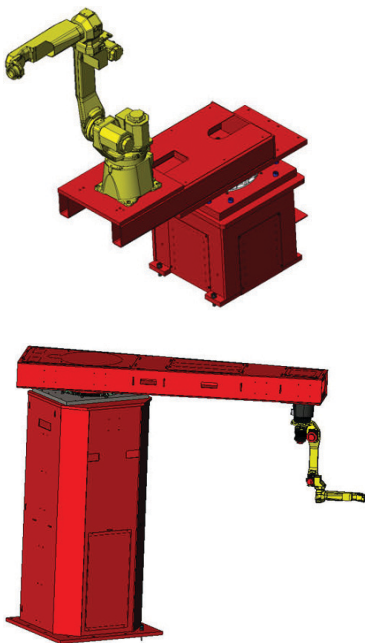
# TRANSPORTERS

## Booms

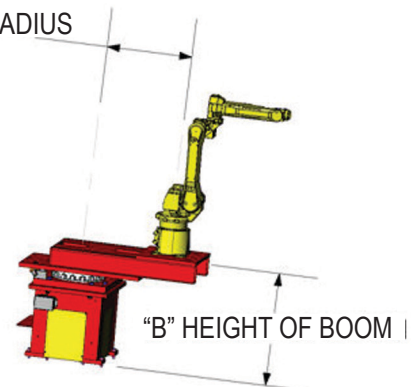
Booms increase robot usable work envelope and provides a better reach for welds located on the interior of large parts. The Boom is driven by a servo motor allowing the robot to be easily repositioned. Booms can also be used in conjunction with the track to further increase work envelope.



	Mini Boom	Overhead Boom (Inverted)
Maximum swing radius	.9-meters	1.25-meters to 2.0-meters
Height range of boom arm	1.5-meters	3.0-meters
Servo motor size required	12Nm, straight shaft, 3000 rpm with brake	12Nm, straight shaft, 3000 rpm with brake



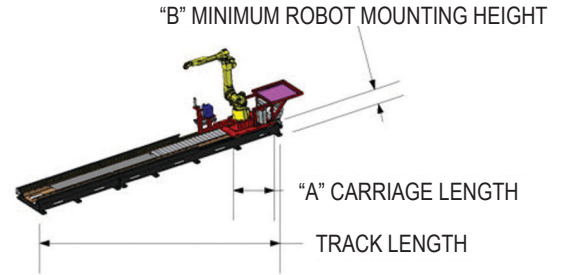
"A" BOOM SWING RADIUS



# TRANSPORTERS

## Tracks

- Tracks increase robot reach for larger parts
- Available with heavy or light duty capacities
- Available as two-position or servo driven / infinite position track
- Modular versions can be linked together to reach desired lengths
- Used to transport robots or positioners



	RTU	RT (non extendable and no leveling)	MT-50	Shuttle
<b>Maximum weight capacity</b>	2,000-kilograms	1,000-kilograms	10,000-kilograms	500-kilograms
<b>Maximum linear speed</b>	.8-meters per second	.8-meters per second	1.0-meters per second	.5-meters per second
<b>Standard length</b>	2.0-meters, 4.0-meters	3.0-meters	1.75-meters, 3.5-meters	1.8-meters, 2.3-meters, 2.9-meters
<b>Maximum length</b>	50-meters	3.0-meters	50-meters	Not applicable
<b>Carriage length</b>	1.01-meters	1.01-meters	1.72-meters	.60-meters
<b>Total travel length (max length minus carriage length)</b>	Total track length less 1.01-meters	2.0-meters	Total track length less 1.72-meters	Total track length less .60-meters
<b>Method of movement</b>	Servo rack and pinion	Servo rack and pinion	Servo rack and pinion	Pneumatic air cylinder
<b>Carriage servo motor size required</b>	8Nm, tapered shaft, 4000 rpm, brake	8Nm, tapered shaft, 4000 rpm, brake	12Nm, straight shaft, 4000 rpm, brake	Not applicable
<b>Minimum robot mounting height (risers available)</b>	.30-meters	.30-meters	.40-meters	.20-meters
<b>Model</b>	