



HEXAGON

ADVANCED  
TUBULAR  
TECHNOLOGIES, INC.

# VTUBEiMC

INTEGRATED MEASURING CENTER TABLE



iMC 3500



## VTube-iMC

The complete plug-and-play measuring system designed specifically for tube fabricators.

- Easy-to-learn tube measuring software.
- Measure super long tubes using the world-class HEXAGON RA8 scan arm system.
- Connect up to 100 benders at no extra charge.
- Track tube metrics in real-time and in permanent data storage.
- Add other scanning software to measure any shape—not just tubes.



iMC 1800

[www.advancedtubular.com](http://www.advancedtubular.com)

Document date: March 23, 2020.

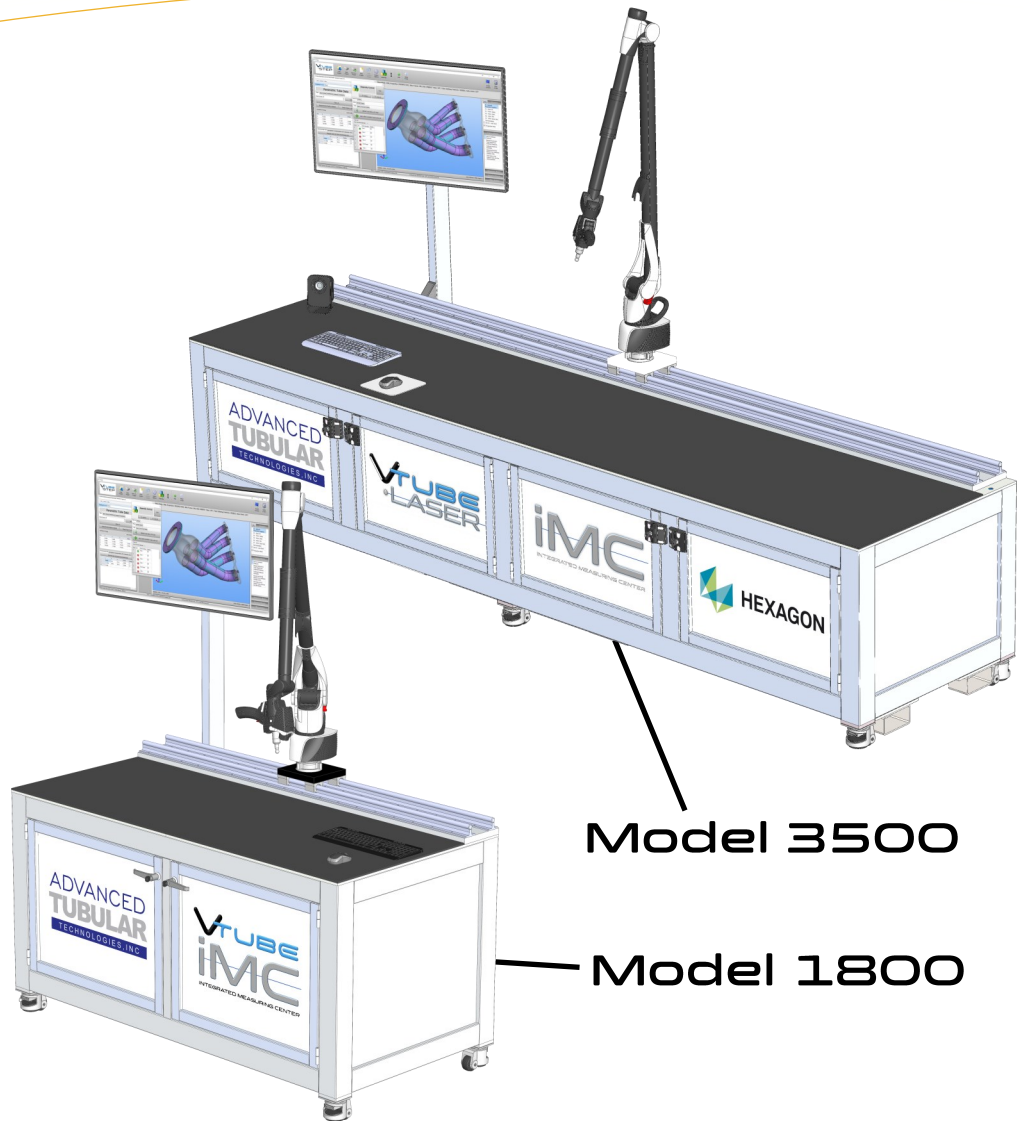
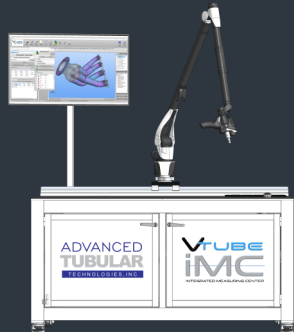
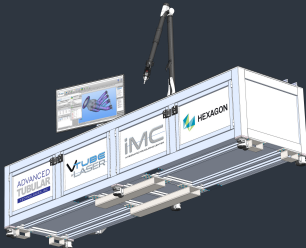
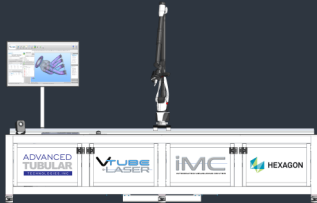


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Model 3500

Model 1800

Arm Volume (m)	Measure Width of the Arms without TRAX	Width with TRAX1800	Width with TRAX3500
2.0	6 feet 1829 mm	12 feet 3629 mm	17.5 feet 5329 mm
2.5	7 feet 2134 mm	13 feet 3934 mm	18.5 feet 5634 mm
3.0	9 feet 2743 mm	15 feet 4543 mm	20.5 feet 6243 mm
3.5	10 feet 3048 mm	16 feet 4848 mm	21.5 feet 6548 mm
4.0	12 feet 3658 mm	18 feet 5458 mm	23.5 feet 7158 mm
4.5	14 feet 4267 mm	20 feet 6067 mm	25.5 feet 7767 mm



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## Aluminum jig plate

Jig plate offers excellent flatness. The material will never rust.

Every system includes a 1/4" thick elephant bark black rubber mat that absorbs laser light and part shock. It also provides excellent grip to keep the part in place.

## Large monitor

## Uninterruptable Power Supply

## TRAX

## Lockable doors with handles

## Shelves with ball bearing drawer slides

## Non-marking leveling casters

## Weights

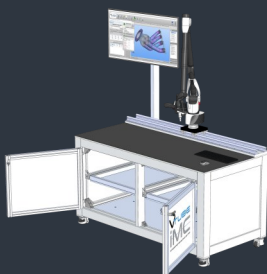
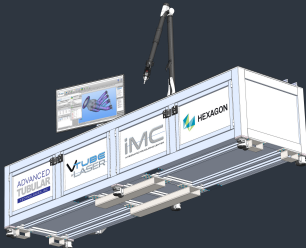
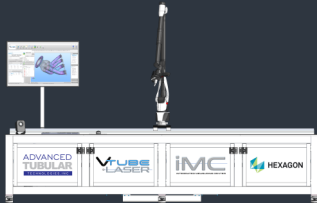
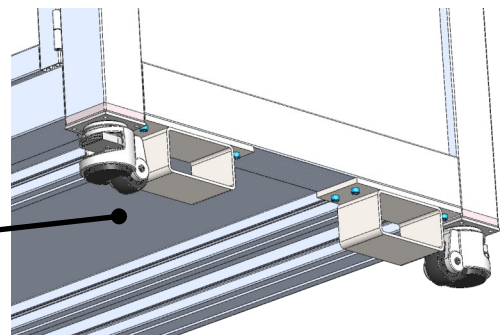
iMC-1800: 600 lb. (270 kg)

iMC-3500: 1200 lb. (540 kg)

## Optional forklift pockets are available for the tables.

iMC1800: \$1300

iMC3500: \$1500





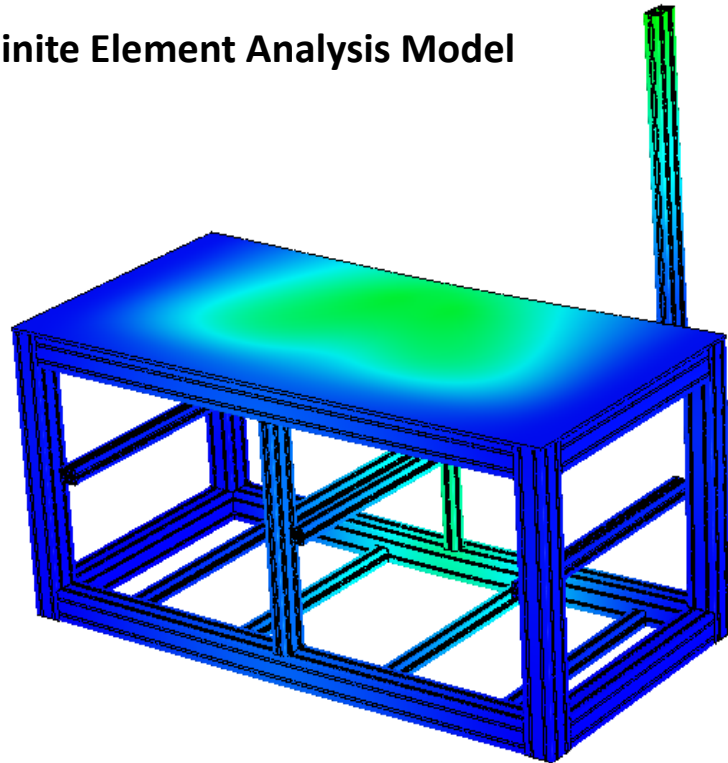
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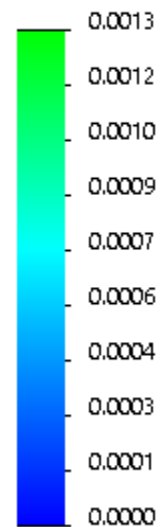
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INTEGRATED MEASURING CENTER TABLE

## Finite Element Analysis Model

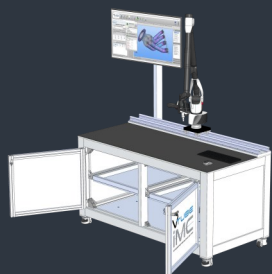
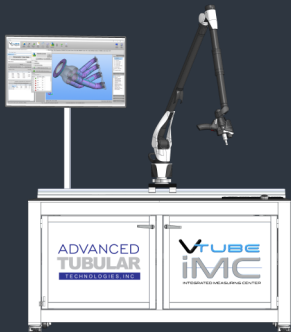
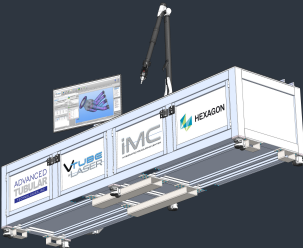
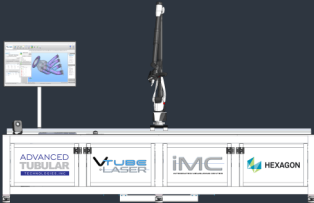


URES (in)



We use FEA (Finite Element Analysis) tests to ensure that the tables are designed for minimum deflection under the weight and torque of the mounted arm.

The scale on the right shows that model 1800 flexes by 0.0013 inches (33 microns) under the weight of an arm in the middle of the back of the table before the TRAX is installed. The maximum deflection at the back center is decreased when the TRAX rail is installed.







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**iMC 1800**



**iMC 3500**

<b>Model 1800</b>	<b>\$26,000</b>
<b>Model 3500</b>	<b>\$28,000</b>

Model 1800 forklift pocket: \$1300

Model 3500 forklift pocket: \$1500

These table prices include a TRAX rail, leapfrog plate, monitor, printer, battery backup, keyboard, and mouse. They do not include options like fork pockets, tube clamp, computer, shipping expenses, Hexagon Absolute Arm, VTube-LASER software or training. Please contact Advanced Tubular Technologies or your local HEXAGON account manager for details.

These prices are current as of March 15, 2020. They are subject to change without notice.

#### System Weights

iMC-1800T: 600 lb. (270 kg)

iMC-3500T: 1200 lb. (540 kg)

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iMC-1800T: 600 lb. (270 kg)

iMC-3500T: 1200 lb. (540 kg)

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