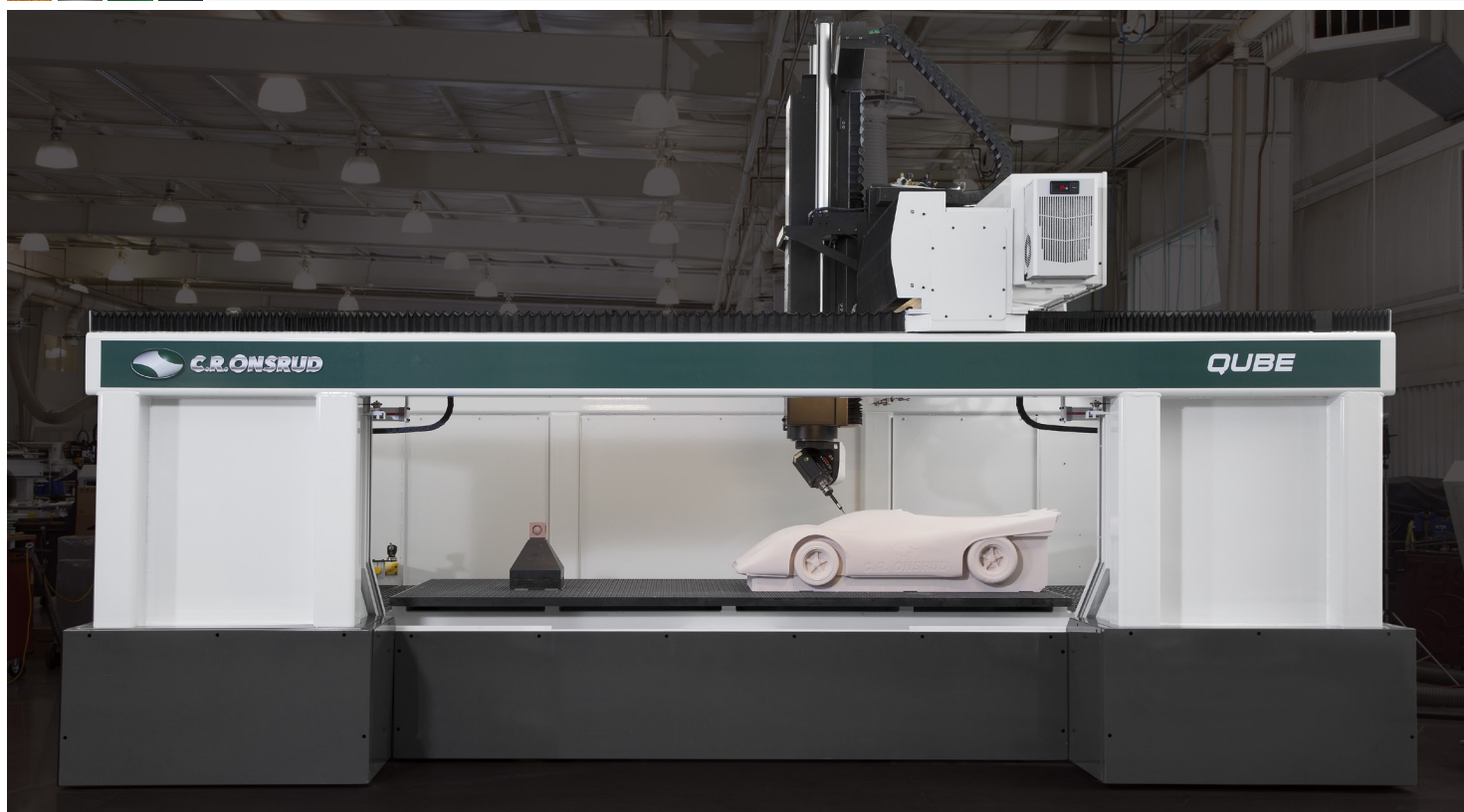




Q series

144 (THE QUBE)

W M P C



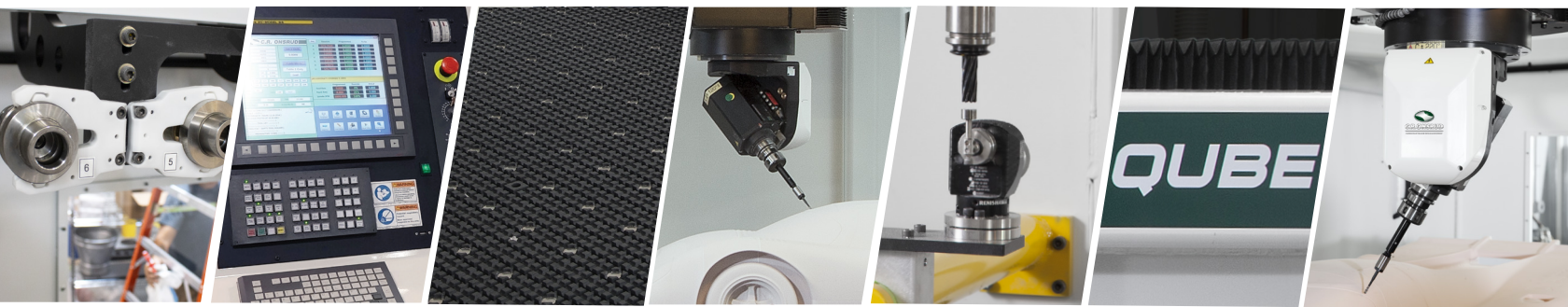
The **QUBE** from C.R. Onsrud was developed for companies seeking 5-axis high-speed trimming and machining of advanced materials used in the aerospace, automotive, defense, marine, and pattern shop industries. This enclosed solution gives users a large work volume for machining molds, prototypes, and complex composite or thermoformed plastic parts while containing debris and isolating the operator from the machining zone and airborne particles. The machine design allows for various methods of work holding such as mechanical hold down and vacuum. Accommodation for oversized parts is achieved via removable side panels. Contact your C.R. Onsrud sales representative to see how this American made CNC can help improve your shop's manufacturing.



You need CNC machines with the speed, accuracy, reliability, durability and flexibility to grow your business. The Q-Series delivers that and more.

C.R. ONSRUD
AMERICAN MADE CNC MACHINERY

Real. American. Originals.



F144Q

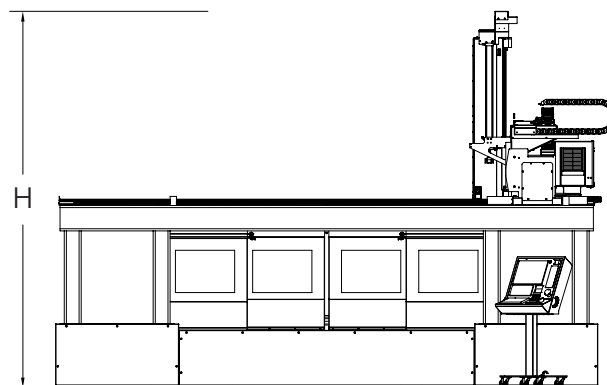
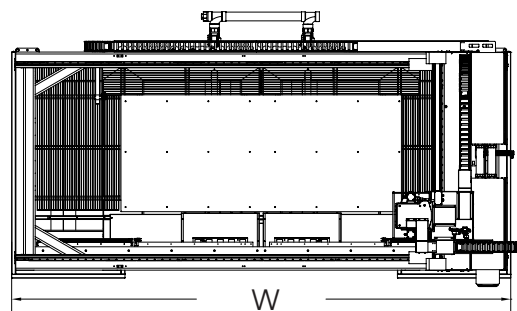
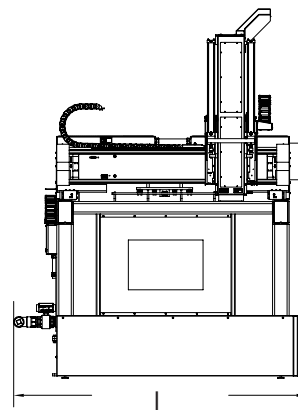
Table			Overall		
	Inches	Metric		Inches	Metric
X	144"	3657mm	W	257"	6527mm
Y	60"	1524mm	L	142"	3606mm
Z	40"	1016mm	H	178"	4521mm



Q-Series Features:

	Standard	Optional
Spindle (S6):	12 HP / 9kW	15 HP / 11kW
Max RPM:	24,000	24,000
Control:	FANUC 31iB5	Osai OPEN
Tool Management:	6 Tool Rack	Additional Slots
Material Control:	Custom Per Machine	
Additional Items:	Air Blast / Cold Air Blast	Auto Tool Measurement
	Automatic Doors	Dust Collection Connections
	Chip Pans	Roof
	Probing	Robotics Integration
	Automatic Grease	Vacuum Ports
	Tool MQL (Minimum Quantity Lubrication)	

All features are subject to change based on Options Schedule.



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C.R. Onsrud is a proud American manufacturer which designs, engineers and builds tailor-made CNC machinery