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EQUIPMENT LIST



(2) Makino F5 High Speed Machining Center w/ 30 station tool changer, HSK 20,000 RPM spindle, Blum laser tool setter, shrink-fit tooling, (35 x 20 x 18 working envelope)

Hurco VMX 24 Machining Center w/ 24 station tool changer, 10,000 RPM spindle (24 x 20 x 24 working envelope)

Hurco VMX 42 Machining Center w/ 24 station tool changer, 10,000 RPM spindle (42 x 24 x 24 working envelope)



Milltronics VM 25 XP Machining Center w/ 35 tool changer 8,000 RPM 50 taper coolant thru spindle. (52 x 25 x 25 working envelope) **New in 2013



Kitamura 1Xif Graphite Machining Center Cell with 30 station tool changer Blum laser tool setter, 30,000 RPM spindle (24 x 16 x 22 working envelope)



Charmilles Roboform 350 CNC EDM w/ 3R macro combi tooling 32 station tool changer.
(14 x 10 x 14 working envelope)



Makino U6 H.E.A.T. Wire EDM with drop tank and 25.5 x 17.7 x 16.5 (Z) travels

Versamax FHD26M high speed hole driller 10 x 12 travels

Sharp knee mill w/ 2 axis Accurite Millpower 2 control.

Bridgeport/Tormax 16-8 8" Manual lathe with 2 axis DRO

Okamoto ACC-12/24 DX wet surface grinder.

Okamoto ACC-16/32 DX wet surface grinder

(2) Okamoto 6/12 manual surface grinder

Mitsui 6/12 manual surface grinder.

Boyer-Schultz 6/12 manual surface grinder

Wells drop cut-off saw

Ikeda 48" radial drill press

Cress dual chamber heat treat/anneal furnace (11 x 12 x 18 chamber)

5 ton overhead crane

ST industries Optical comparator with digital readout

Brown & Sharpe CMM (14 x 16 x 11) working envelope

(2) seats of 2015 Cimatron 12.0 Elite Full Mold Design software

(6) seats of 2015 Cimatron 12.0 Elite Design and Machining software

2015 Esprit Wire EDM 4 axis programming software

2010 Solidworks design software.

2010 Autocad 2D software

Engel EC88 80 ton injection mold sampling press

Engel EC88 150 ton injection mold sampling press

Conair/Franklin dual chamber material dryer (2) 30# chambers

Matsui dual chamber material dryer (2) 30# chambers

Conair 150 lb dryer

Themolators and Chiller

All the necessary support tooling to build quality plastic injection molds.