

**Automation Systems****GT-Xpress Auto Loading Chamber****\$3,995**Item Number: **382-1000**

GT-Xpress Auto Loading Chamber: By constructing the GT-Xpress machine base from a polymer material it allows for the design of loading chambers directly into the base of the machine. The loading chambers allow simple loading of parts with a gravity feed system. Parts are feed directly into the work area of the machine, where they can be picked up with a chuck and loaded directly into the spindle. Other options must be selected to create a working system.

**Automation****GT-Xpress Auto Load Pick Off****\$250**Item Number: **382-1010**

This is a pick off nozzle that is part of th standard auto part loading system on the GT-Xpress. This price includes CMS machining nozzle to specific diameter for finished part.

**Automation****Pick Off Nozzle (Un-Machined)****\$100**Item Number: **382-1011**

Pick Off Nozzle (Un-machined) : Black Delrin Rod. This is the price for pick off nozzle material un machined These should be ordered to allow for additional parts to be used with auto part loading system.

**Automation****GT-Xpress Breech Tube Parts****\$250**Item Number: **382-1015**

GT-Xpress Breech Tube Parts Pathway: This item is included with the standard auto part loading system for the GT-Xpress. The ID of this item may require machining to meet the specific part diameter for the parts being loaded. Extra tube will be required for handling different diameter work pieces.

<b>Automation</b>	<b>GT-Xpress Breech Tube</b>	<b>\$100</b>
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Item Number: **382-1016**

GT-Xpress Breech Tube (Un-Machined) This item is required for each additional part that is going to be used for auto parts loading. The ID for the new part will need to be machined to the correct diameter for the new part.

<b>Automation</b>	<b>Pneumatic Parts Pusher Cylinder</b>	<b>\$300</b>
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Item Number: **382-1020**

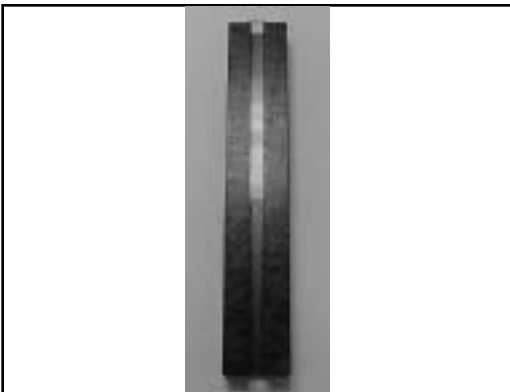
Pneumatic Parts Pusher Cylinder: This is included as a standard feature with the GT-Xpress parts loading system. Does not include cylinder end, or comply switch.



<b>Automation</b>	<b>Part Channel Feed Tube Magazine</b>	<b>\$500</b>
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Item Number: **382-1030**

Part Channel Feed Tube Magazine: This is the channel feed for the GT-Xpress part loading system. Each feed tube must be designed for each specific part. Price quoted with each project. Price listed is for a machined magazine feed channel by CMS



<b>Automation</b>	<b>Part Channel Feed Tube Magazine</b>	<b>\$150</b>
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Item Number: **382-1031**

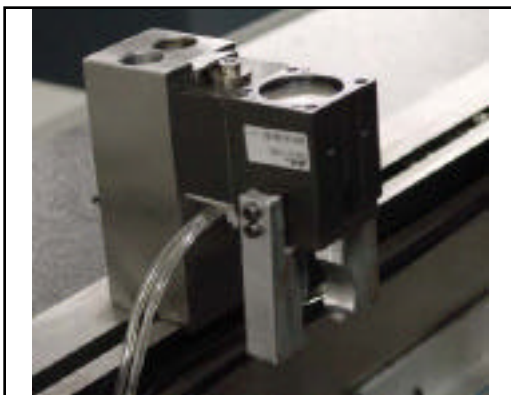
Part Channel Feed Tube Magazine Chute: This is the channel feed for the GT-Xpress part loading system. Each feed tube must be designed for each specific part. This item is un-machined and will require machining to the length of the specific part to be used with the system.

**Automation****Pick-Up Chuck, Jaws, and Tool****\$1,250**Item Number: **382-1050**

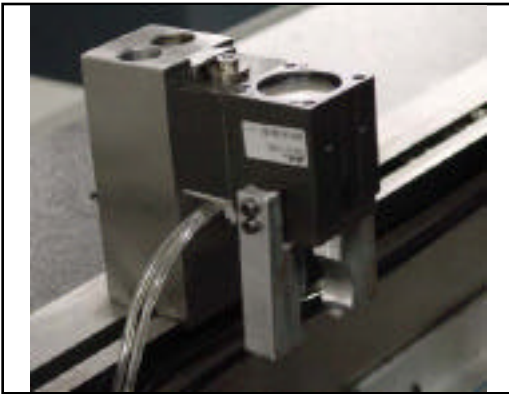
Pick-Up Chuck, Jaws, and Tool Holder: This is the standard pick up chuck included with the GT-Xpress auto part loading system. This item is interfaced for direct command from the CNC control. The jaws are not machined with the standard system.

**Automation****Pick-Up Chuck, Jaws, Tool****\$2,250**Item Number: **382-1051**

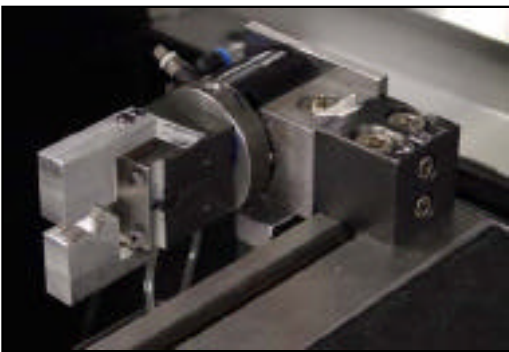
Pick-Up Chuck, Jaws, and Tool Holder & Comply Switch: This item is interfaced for direct command from the CNC control. The jaws are not machined with the standard system. This unit includes a comply switch to shut machine down in the event that the part is not correctly picked up from the pick off nozzle.

**Automation****Pick-Off Chuck, Jaws, and Tool****\$1,450**Item Number: **382-1055**

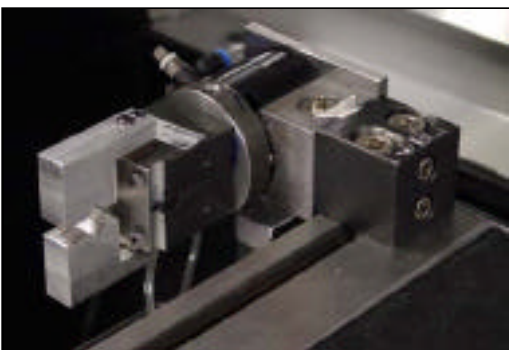
Pick-Off Chuck, Jaws, and Tool Holder: This item is included with each GT-Xpress auto part loading system. This unit is interfaced with the CNC control. Is designed to pick part from collet and drop into the machine, or onto a parts conveyor. Includes on set of jaws, and tool holder. Jaws have not ben machined.

**Automation****Pick-Off Chuck, Jaws, Tool Holder,****\$2,450**Item Number: **382-1056**

Pick-Off Chuck, Jaws, and Tool Holder, & Comply Switch: This unit is interfaced with the CNC control. Is designed to pick part from collet and drop into the machine, or onto a parts conveyor. Includes on set of jaws, and tool holder. Jaws have not been machined. this unit includes a comply switch that will shut down the machine if the part is not picked out of the spindle correctly.

**Automation****Pick-Off Chuck Rotary Type, Jaws,**Item Number: **382-1060**

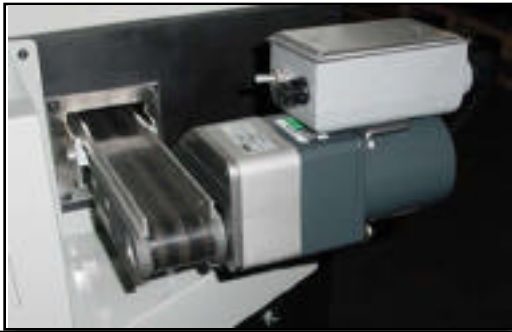
Pick-Off Chuck Rotary Type, Jaws, Tool Holder: This item is an option for the GT-Xpress loading system. With this option the part can be turned around and both ends of the part machined. This unit is interfaced to the CNC control and is programmable. Includes a set of jaws un machnined.

**Automation****Pick-Off Chuck Rotary Type, Comply****\$3,295**Item Number: **382-1061**

Pick-Off Chuck Rotary Type, Jaws, Tool Holder: This item is an option for the GT-Xpress loading system. With this option the part can be turned around and both ends of the part machined. This unit is interfaced to the CNC control and is programmable. Includes a set of jaws un machnined. This unit includes a comply switch that will shut down the system in the event the part is not picked up properly.

<b>Automation</b>	<b>Parts Conveyor Auto Part Loading</b>	<b>\$2,995</b>
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Item Number: **382-1070**



Parts Conveyor Auto Part Loading System: This is an option for a parts conveyor system to remove parts from the auto part loading system from the machining area on the GT-Xpress part loading system.

<b>Automation</b>	<b>Parts Pusher Complete w/Single</b>	<b>\$450</b>
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Item Number: **382-1090**

Parts pusher for automated machines complete w/single position holder

<b>Automation</b>	<b>Pick Up &amp; Pick Off Stainless</b>	<b>\$1,350</b>
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Item Number: **383-1050**

Pick Up or Pick Off Module: Stainless pneumatically controlled tool advances and retracts, precision grippers with machineable jaws.

<b>Automation</b>	<b>Custom Magazine Track Feed</b>	<b>\$4,600</b>
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Item Number: **383-5000**

Custom Magazine Track Feed Tooling GT-Xcel.



<b>Automation</b>	<b>15" Stainless Steel Feeder Bowl &amp;</b>	<b>\$4,500</b>
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Item Number: **383-6004**

This is a 15" Stainless Steel Vibratory Feeder Bowl, with Heavy Duty Electric Drive.



<b>Automation</b>	<b>18" Stainless Steel Feeder Bowl &amp;</b>	<b>\$5,300</b>
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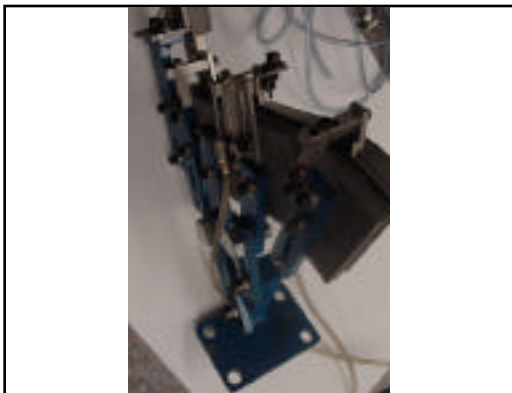
Item Number: **383-6005**

18" Stainless Steel Feeder Bowl &amp; Heavy Duty Drive:

<b>Automation</b>	<b>Custom Tooling Part Presentation</b>	<b>\$3,300</b>
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Item Number: **383-7050**

Custom Tooling Part Presentation GT-Xcel , with PHD Escapement.



<b>Automation</b>	<b>Feeder Bowl Drive Mount Plate</b>	<b>\$245</b>
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Item Number: **383-7075**

Feeder Bowl Drive Mount Plate GT-Xcel

<b>Automation</b>	<b>FC-91-5 Controller with Nema 12</b>	<b>\$995</b>
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Item Number: **383-8000**

FC-91-5 Controller with Nema 12 Enclosure for the GT-Xcel automation system.

<b>Automation</b>	<b>CoolJet High Pressure Coolant</b>	<b>\$9,795</b>
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Item Number: **533-1000**

CoolJet High Pressure Coolant System: The CoolJet model 240-5 is designed to deliver filtered, high pressure cutting oil at 1.2 gpm and is field-adjustable to 3500 psi maximum. The system is configured automatically draw coolant from the machine tank, through the CoolJet filter, to the inlet of the CoolJet unit. Discharge from the CoolJet unit is connected to the gang slide tools, providing filtered, high pressure coolant through the tool.

<b>Automation</b>	<b>CMS Two Finger Gripper Jaws</b>	<b>\$56</b>
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Item Number: **856-2015**

CMS Two Finger Gripper Jaws: This item is used with the two finger parallel gripper. CMS provides this item directly. Price listed is for units of one, two are required per gripper.

<b>Automation</b>	<b>PHD Three Finger Jaw Blank</b>	<b>\$54</b>
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Item Number: **856-3015**

PHD Three Finger Jaw Blank : These are the jaw blanks used with the PHD three finger parallel gripper. Price is for unit of one.

<b>Automation Systems</b>	<b>Custom Vibratory Bowl Auto Loading</b>	
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Item Number: **E50824**

Stainless steel FEEDER BOWL with custom tooling mounted on a vibratory drive unit complete with controller. A PHOTOCCELL SHUT-OFF CONTROL PACKAGE to control back pressure and prevent parts from backing up into the bowl. Complete with Banner optics and adjustable time delay, mounted in a NEMA enclosure.