

Tooling Capabilities: Volume-Reduction & Material-Recovery Tools and Equipment

Mega-Tech Services, LLC provides a full line of portable and semi-portable tools for decommissioning operations. The tools cut and size all metal materials as they are removed from the plant in the most cost-effective and ALARA-compliant manner possible.

The tooling system components are powered by a standard, proven, state-of-the-art hydraulic system capable of cutting, breaking, bending or separating metal, concrete and many other materials without producing chips or toxic smoke. Our tools generate significant cost savings and can be invaluable in areas where high dose-rate work is required and exposure-time is a critical factor.

These tools represent an integrated approach to total project tooling. Each tool produces an optimized product for the next free-release or volume-reduction process.

Special Tooling Applications

Mega-Tech Services, LLC provides special and/or remotely operated tools for high-speed ALARA and production applications.

Examples include:

- Remote tooling applications (high overhead or in-tank projects)
- Chipless/smokeless high density fuel rack disassembly
- Fuel pool/cavity liner contamination-free removal
- Reactor internals disassembly shears & tooling



Crusher with 8 inch Crushed Pipe

Cutting Tools



BPC-2.5 Cutting Tool



BPC-4HD Cutting Tool



BPC-6001 Cutting Tool



**Beast 600NV
(guillotine head configuration)**



**Beast 600NV
(cutting box beam)**



Pipe Insert Cutting Tool



**Manual Shift
Remote Control Valve**



Mini Spreader



**Beast 600NV
Long Reach Cutter**



**Beast 600NV
Usar Cutter**



**Beast 600NV
Tub/Bar Cutter**

“Cutting Edge Technology Deployed...

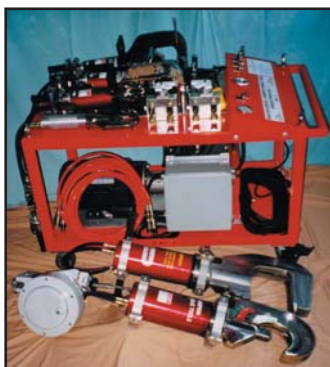
The Mega-Tech® shear was deployed and is currently the major tool being used for size reduction in the Vitrification Cell Dismantlement Project.”

– Inside This Week

– West Valley Demonstration Project



**Typical 5HP Dual Port
Hydraulic Power Unit**

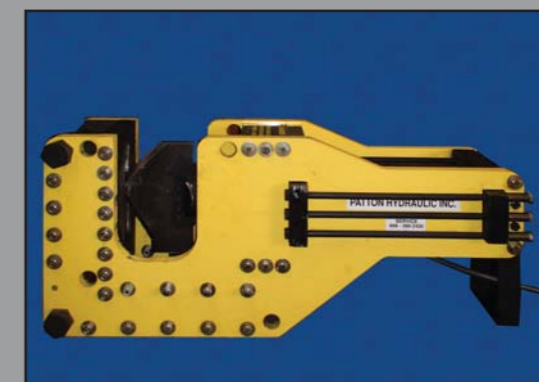


**HP-12 Cart with BPC Tools
(3001 and 6001) and
Load Balancer**

Tool	Cut Time	Weight	Application
BPC-2.5	20 seconds	20 lbs	1 inch schedule 80 stainless steel pipe or 2 inch schedule 40 carbon steel
BPC-4HD	24 seconds	39 lbs	4 inch schedule 40 stainless steel pipe
BPC-6001	60 seconds	93 lbs	6 inch schedule 40 carbon steel pipe
BPC-7001	60 seconds	700 lbs	6 inch schedule 40 stainless steel pipe
BPC-12	70 seconds	4,000 lbs	12 inch schedule 40 stainless steel pipe
MS-5	15 seconds	10 lbs	5 inch opening power spreader
MS-10	18 seconds	18 lbs	10 inch opening power spreader
Pipe Crusher and Shear	22 seconds	5,000 lbs	Flattening pipe or structural shapes up to 10 inch, cut to length



Beast 600NV (pipe grapple)



BPC-7001



BPC-12