

MACHINE PROPOSAL

September 10, 2014

Quote Prepared For:

Red Bud Industries

Attn: Kory Liefer

200 B&E Industrial Dr.

Red Bud, IL

Phone: 618 282 3801 ext 166

Email: kaliefer@redbudindustries.com

Proposal No. 14081302 Rev 6

Kinetic Contact:

Jeff Lee

319 572 3050

jefflee@kineticusa.com

Dear Kory,

Thank you for the opportunity to submit a proposal for the Heavy Duty K5000xmc combination machine complete with CAT 50 spindle.

The Kinetic K5000xmc machine is the unrivalled high power combination machine with unrivalled torques and productivity.

Also included is our revolutionary wet and dry cutting table with automatic cleaning that enables high pressure thru tool coolant drilling to be used with the spindle and dry fume extraction for thermal cutting.

This system automatically collects dross in drawers under the table for manual dumping, automatically removes and recycles the coolant used for drilling and machining operations and removes the metal chips from the surface of the plate.

The K5000 machine features a linear way drive system for ALL axes machines INCLUDING THE LONG (X) AXIS. This patented linear guiding system enables the long axis to have the same smooth travel, rigidity and high vertical load capacity as is required on the short (Y) axis.

The rack and pinion used on the Kinetic K4000 and K5000 is HARDENED AND GROUND HELICAL RACK. This is the highest accuracy rack available and enables the accuracy of the Kinetic machines to be able to achieve unrivalled accuracy.

Just as all quality machine tools have fully protected ways and drives, the engineers at Kinetic believe a plasma cutting machine with a machine tool spindle fitted also requires fully protected drives and guides. The Kinetic K5000 like the K4000 includes fully protected linear ways and drives for all the axes, to provide a clean operating environment for the linear bearings and rack and pinion drives. No other combination machine supplier offers this level of guide and drive protection.

The K5000 machine has been designed to work with spindle torques to 860Nm (640 ft-lbs) and speeds to 4000rpm with the CAT 50 spindle to enable heavy duty drilling and tapping, boring, counter-boring, counter-sinking and tapping, and for precision plasma cutting.

The K5000 has the patented servo controlled clamp foot which achieves faster processing times due to simultaneous Z axis movement combined with improved depth control. The K5000 also features a traveling tool change magazine which provides a tool-change time of 3 seconds.

We are pleased to offer the K5000 machine proposal below. This proposal includes the Items listed below with options as required.

- Item 1 Kinetic K5000 Machine with 10'8" Cutting Width
- Item 2 Machine Controller
- Item 3 Machine Control Program License
- Item 4 Main Tool Carriage for the Spindle and up to Four Additional Lifters
- Item 5 Machine Rails For 28'8" Cutting
- Item 6 48* Hp Spindle Assembly
- Item 7 Thru Spindle Coolant
- Item 8 Laser Pointer
- Item 9 Network Connection
- Item 10 Transport
- Item 11 Installation and Testing
- Item 12 On Site Training
- Item 13 Warranty (1st Year Warranty)
- Item 14 Automatic Tool Changer and 24 Tool Magazine
- Item 15 Hypertherm HPR260XD Plasma System
- Item 16 Automatic Gas Console for the Hypertherm HPR Plasma
- Item 17 Downdraft Cutting Table (10'8"x28'8" Cutting)
- Item 18 Stairs down the Length of the Cutting Table
- Item 19 Plate Clamps
- Item 20 Automatic Table Cleaning
- Item 21 Coolant Recycling
- Item 22 Chip Removal System
- Item 23 Spark Cooler
- Item 24 Fume Extraction System
- Option 1 PrimeCut3 Programming Software OR PrimeCut NE Programming Software
- Option 2 Hypertherm HPR 400 XD Plasma System Upgrade
- Option 3 Automated Contour Bevel
- Option 4 Gas Regulator Panel With Servo Oxy Pressure Piercing including Oxy Fuel Torch and Lifter on the Main Carriage
- Option 5 Percussion Marking System
- Option 6 2nd and 3rd Year Training, Preventive Maintenance and Warranty Extension
- Option 7 Additional 15' of Machine Travel

Thank you for the opportunity to forward this proposal to you. Please contact me if you have any further questions.

Yours Sincerely,

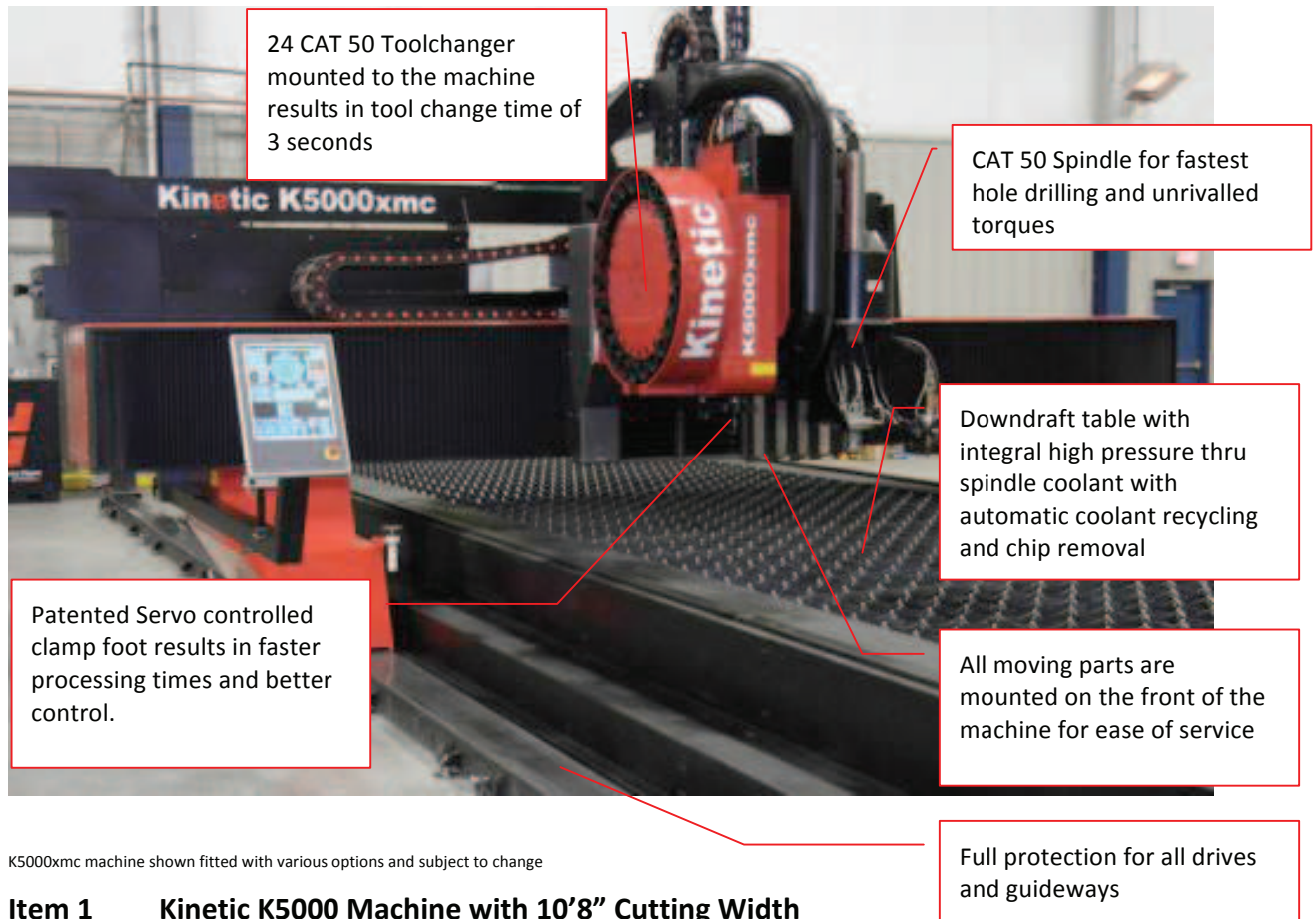
Jeff Lee

This machine is protected with the following and others pending:

- | | |
|---|--|
| 1. NZ design application 416210 | 2. NZ patent application 599678 |
| 3. PCT patent application PCT/NZ2012/000153 | 4. NZ patent application 595923, 594986 |
| 5. PCT pending patent application - PCT/NZ2012/000154 | 6. NZ pending patent application 594980 |
| 7. PCT pending patent application - PCT/NZ2012/000147 | 8. NZ pending patent application 594685 |
| 9. PCT pending patent application - PCT/NZ2012/000145 | 10. NZ pending patent application 594683 |
| 11. US patent 8,089,024 | 12. US patent 7,625,158 |
| 13. US patent 6,842,961 | 14. US Patent 6,753,495 |

Pictures of the machines shown are subject to change.

MACHINE PROPOSAL



Item 1 Kinetic K5000 Machine with 10'8" Cutting Width

The K5000 Gantry has the following specification:

- Cutting width of 10'8" for all tool positions on the main carriage.
- A dual drive system on either end of the traveling gantry provides the machine accuracy of +/- 0.15 mm/m (0.006"/36").
- Traverse speed of up to 20 m/min (800 in/min)
- Every axis is fitted with linear bearings for machine linear accuracy, smooth travel and the ability to withstand high vertical loads.
- (Dual) Zero backlash rack and pinion drives on the long axis powered by zero backlash gearboxes.
- AC servo drives and motors for the X and Y travel.
- Full guide-way and drive protection on all axes to prolong drive and guide life.
- All hoses and cables for the X, Y and Z axes are protected with drag chain.

Item 2 Machine Controller

The Kinetic profiling machines use a PC based controller combined with a glass faced LCD touch-screen for the operator interface.

The machine controller has the following features:

- PC based controller
- 19" LCD glass faced touch screen

- Separate 32 bit motion controller for uninterrupted motion control
- Standard components for easy replacement of parts
- Practically no limit to program size
- Emergency stop pull wire on rear of machine
- Comprehensive on board diagnostics
- Context sensitive help
- Air conditioning of cabinet to prolong electronic life

Item 3 **Machine Control Program License**

The Kinetic profiling machines use a PC based controller combined with a glass faced LCD touch-screen for the operator interface. This provides a very graphical, easy to understand interface where the touch-screen is used to select “buttons” on screen.

This system provides an intelligent interface where only buttons relevant to the tasks are displayed. Different screens are used to import files, manually move the machine, and set up the cutting processes and to log machine performance.

- **Only buttons relevant to the operations being performed** by the operator are displayed. This provides an uncluttered interface that is easy to learn and use.
- **Real time graphics are shown** of parts being cut including zoom in and auto panning.
- Cutting paths for each (different) tool are **shown using different colors**.
- Unequalled automated setting of cutting parameters. The **Kinetic machines use a Materials Database to automate the setting of the machine** as much as possible for the different materials, gases and consumables. This ensures the optimal settings are used for reliable and consistent cut quality. These are all called up on specification of plate and cutting system being used.

The plasma cutting settings automatically set by the controller include speed, feed, kerf width, pierce height, pierce time, voltage and current. With the automatic gas console, gas selection and flow rates are set automatically for plasma and shield gas.

Prior to cutting the parts, screen prompts tell the operator the required consumables, and settings for confirmation.

- KINETIC machines have a **software feature called SmartStart**. This allows for restarting a cut at any point along a part, simply by touching the required position on the screen. This feature also allows for a lead-in to restart the cutting operation. This facility can also be used to move the pierce point to the edge of the plate from where it is specified in the program. This feature is particularly important with plasma cutting to enable consumable changes to occur at any point during cutting.
- QWERTY style keyboard.
- Six **configurable plate setups** allow the operator to switch between jobs quickly and reliably. The machine will automatically set up the processes from the material database for the different plates and set the plate home and orientation.
- **Zooming in of parts and automatic panning of the screen** enables the operator to see fine details of parts being cut.
- A standard shapes library is included for all commonly used shapes.
- **G code for the program is shown on the screen** and can be changed by the operator if required. Changes made will be automatically updated on the screen. Changes made to the G Code can be saved back to the office PC via the network to eliminate version errors.
- Practically no limit to program size.
- **Management data** for jobs and processes is shown and has both cumulative and re-settable parameters. These include tool on times, number of pierces and cutting distance.

Item 4 Main Tool Carriage for the Spindle and up to Four Additional Lifters

The Main tool carriage on the Kinetic K5000 machine includes capacity for four vertical lifter stations in addition to the spindle axis. Lifter assemblies are included with the cutting head options selected.

- All lifters use programmable motors
- Linear bearings are used for linear guiding
- Ball screw drives are used for precise height control
- All drives and guides are fully covered
- Services to the lifters is through drag chain (caterpillar track)

Item 5 Machine Rails For 28'8" Cutting

The machine rails included allow for a total cutting length of 28'8". This length is the cut length and in addition space must be provided for the cyclone and fume extraction system outside of this area.

The rails have the following specification:

- **Linear bearing guides** are used for machine accuracy, smooth travel and the ability to withstand high vertical loads.
- Machine rails and drive system are fully protected to prolong the drive and guide life
- **Hardened and ground helical rack** and pinion drive for extra high precision

Item 6 48* Hp Spindle Assembly

The high-speed spindle head is designed for drilling up to 4" holes using an insert drill (this is dependant on the insert drill manufacturer's specifications).

The spindle assembly features Kinetic's latest clamping system which uses servo driven ball screw and linear guides for plate clamping. This system provides the most productive foot clamp system available. Patents pending on this technology.

The following is included with the spindle assembly:

- **48 Hp*** (36 kW) servo motor drive with speeds up to 4000 rpm
- Drilling to 4" (100mm)
- Tapping to 1-1/4" (M32)
- CAT50 taper for universal tool applications
- AC Servo vertical drive coupled to a ball-screw
- Clamp foot to assist in holding the plate during machining operations

Item 7 Thru Spindle Coolant

Included is coolant filter housing complete with high and low pressure coolant supply to the machine. This allows for 200PSI coolant pressure while deep hole drilling.

Item 8 Laser Pointer

Laser plate alignment pointer is used to assist in setting up the parts for cutting. This laser and the controller enable the following:

- Program rotation to fit plate.
- Dry run pointer to show where the profiles are to be cut
- Shows the nested extents only to speed up setup.
- The laser pointer is used to digitize existing profiles to generate a CAD drawing. The operator drives the machine over an existing manual drawing or profile using the manual control buttons and the laser pointer. The operator enters points along the path. The digitized path

is then transferred to the CAD station to create a CAD drawing by the addition of lines, curves and splines between the points.

Item 9 Network Connection

This connection is for downloading of files from the office to the machine and includes Cat6 Cable connection. The customer is responsible for running of this cable and connection of the cable to the network. Configuration of this network connection is also the responsibility of the customer.

Item 10 Transport

Included is the machine transport to the customer's facility as detailed above. All travel for the Kinetic staff and is also included.

The machine is insured by Kinetic until it arrives at the customer's site. The customer is responsible for insurance following arrival at their site, including insurance for unloading from the truck.

Item 11 Installation and Testing

Included is labor for Kinetic to supervise and assist in the installation and testing of the machine at the customer's address as detailed above. The customer is to supply two people to install the machine under the direction of a Kinetic engineer. The customer is also to supply craneage and insurance to unload machine. Supply of plate for testing is also the customer responsibility.

Item 12 On Site Training

Five days on site training of operators and managers. This may be concurrent with the testing of the machine. Included in the training is:

- Machine operator training
- Programmer training for PrimeCut (Only if software is purchased from Kinetic)
- Maintenance personal training

Item 13 Warranty (1st Year Warranty)

The warranty for the machine is for one year. This includes all parts and labor for the machine. Travel, accommodation and on site costs are included in this warranty for all major work required.

Minor service or maintenance tasks that could be simply fixed by simply replacing single components or simple diagnostic tasks that maintenance staff are requested to perform by Kinetic service technicians during phone support, that could be reasonably expected to be performed but are refused thereby requiring a Kinetic technician making a site visit may incur travel, accommodation and on site costs. This travel and associated cost charge for this minor work is at the sole discretion of Kinetic.

The Hypertherm systems have a one-year warranty. The Hypertherm plasma power supply has an extended warranty to 2 years on a parts only return to base (freight paid by customer).

The warranty is void if maintenance and operating procedures are not followed, accidents or non-authorized service technicians or non-genuine parts are used.

Supply of consumable parts and associated labor for consumable items are excluded from this warranty. Consumable items excluded from the warranty include all plasma and oxy fuel consumable parts, all gases, coolant and additives, all drill tooling and inserts, cutting table slats, flat bars, pins and all other consumable items on the cutting table.

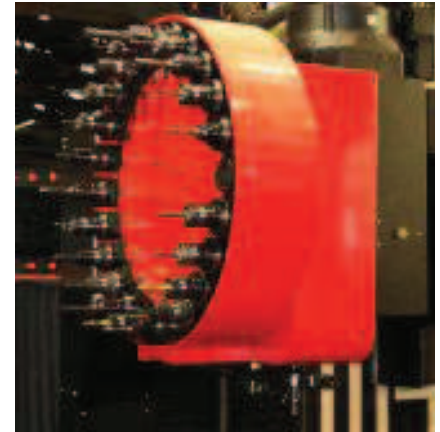
During the warranty period, all plasma consumables are to be purchased from Kinetic subject to competitive pricing.

Item 14 Automatic Tool Changer and 24 Tool Magazine

This option is for the beam-mounted tool-changer, mounted close to the spindle. This design provides significant part processing improvements due to the quick tool-change time with some customers achieving a 40% improvement in processing time.

Features include:

- 24 CAT 50 Tool Holders
- Automatic tool length sensing
- All tools held by taper for taper protection
- Both Automatic and manual tool handling is supported



Item 15 Hypertherm HPR260XD Plasma System

This is the latest 260 amp precision plasma system from Hypertherm. This precision plasma is designed for production cutting to 260Amps with a Hydefinition cut.

- HyPerformance cuts carbon steel, stainless steel, aluminum and other metals with HyDefinition precision.
- HPR260 puts the power to the plate with speed and thickness capability of competitive 400-amp systems.
- Virtually dross-free cutting from gauge to 32 mm (1-1/4").
- Maximum cutting thickness up to 65 mm (2-1/2").
- Bevel cutting up to 45 degrees (when fitted with the bevel head)
- Marking and cutting with the same consumables.

Following is the list of features included with the HPR260 plasma system.

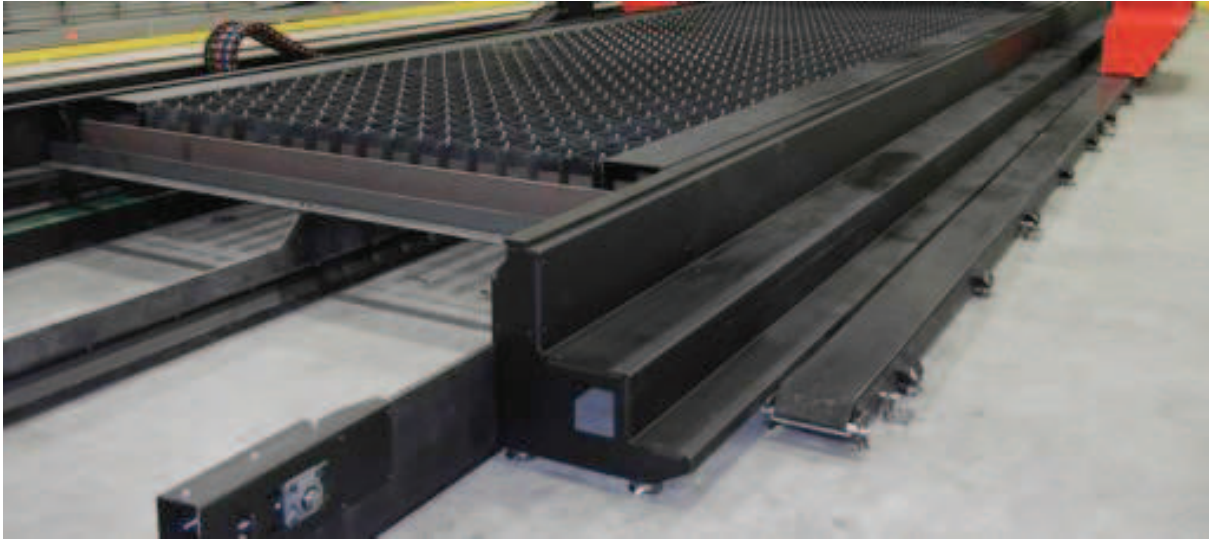
- Initial Height Sensing (IHS). The IHS retracts leaving the plasma marking torch a fixed distance from the plate.
- Arc voltage control. Cutting height is maintained using arc voltage control during cutting to provide the best possible consistency of marking.
- Automated Settings. Automatic setting of voltage, current, and marking speed.
- Consumable monitors. Pierce counters and cutting timers monitor the consumable use to be monitored and maximized.
- Torch break-away head. An air chuck system is fitted to minimize damage during a collision between the plasma torch and parts that have flicked up after cutting. Once the sensor on the break away head is triggered, the machine will stop.



Item 16 Automatic Gas Console for the Hypertherm HPR Plasma

The Hypertherm HPR plasma system has the option of a fully automated gas control console. This allows the controller to select the correct gases for the process selected and to set the gas flows.

Item 17 Downdraft Cutting Table (10'8"x28'8" Cutting)



This design is the premier dry cutting table from Kinetic and is designed to be a safe and easy platform with support for 8" thick plates to be cut.

This new table design eliminates the complexity of independent extraction chambers under the cut zone.

Customer is responsible for the following:

- Supply and Installation of 200x16mm (every 175mm) flat bars into table (approx. 4.8 tonnes)
- Supply and installation of slats for fitting over the flat bars to support the plate (approx. 5.4 tonnes)
- Installation of slats onto flat bars and installation of supplied brass pins into table slats
- Assistance during the installation of the table and the machine with two workers

Item 18 Stairs down the Length of the Cutting Table

Included is stairs down the length of the cutting table. The stairs are made of flat steel and it is the customers' responsibility to apply non-slip surface to the stairs.

Item 19 Plate Clamps

Included are four manually located plate corner clamps to secure the corners of plate to the cutting table during drilling and milling processes.

Item 20 Automatic Table Cleaning

- Independent Extraction Bin Drive System

The traveling extraction bin has an independent drive and is electronically geared to the machine.

The traveling extraction bin uses servo control to position the traveling bin under the cutting heads to catch the dross in removable draws. Patents Pending.

System Features

- Traveling extraction bin extracts fumes locally under cutting torches only
- Dross collected in traveling bin which has removable draws for easy cleaning
- Fume extraction is fitted outside the cut zone
- Servo control of traveling bin allows for bin to be sent for cleaning during operations such as new plate loading

- Under Table Sweeper For Dross Collection and Dropped Scrap

Included is a sweeper so parts that fall to the floor after the traveling bin has moved away are swept up to one end.

- Floor sweeper cycle cleans under the table for all parts and dross that have fallen after the traveling bin has moved away

Item 21 Coolant Recycling

The **WET** system enables coolant recovery and recycling during machining operations. This includes coolant removal from the top of the plate and below the plate. Included is the ducting system on the machine. The customer is to supply water and cutting fluid. Patents Pending.

Item 22 Chip Removal System

This system removes metal chips formed during drilling operations and includes a chip collection system and cyclone with drop out to waste container. The customer is responsible for supplying all necessary ducting from the Chip Extraction System to the end of the cutting table. Patents Pending.

Item 23 Spark Cooler

This option is for a spark cooler in line for the fumes from plasma cutting. This option is required if the Bag house filter system is located close to the end of the machine to reduce the risk of fire in the bag house.

Item 24 Fume Extraction System

The extraction Fan and Filter Assembly is designed to remove the smoke generated by the plasma cutting head.

Included with this option are the following:

- Flame Retardant Cartridge Filters
- Fan Motor
- Pulse Cleaning (requires clean dry compressed air)

Customer requirements:

- Supply the necessary ducting to connect the cutting table extraction chamber to this fume extraction system
- Supply 480V/415V 3Φ power including motor starters and protection, isolation point to the following
 - fume extraction system and 24V relay for auto on/off from machine
 - coolant recovery system fan
 - thru spindle coolant motor
- 1" dry, clean compressed air supply with isolation point
- Supply of craneage
- Supply of coolant
- Additional filtering of exhaust air such as HEPA filters or similar if required

OPTIONS FOR THE K5000XMC

Option 1 PrimeCut3 Programming Software OR PrimeCut NE Programming Software

Kinetic develops and maintains two editions of its nesting software: **PrimeCut 3** which is a desktop edition focused on putting parts on plates, suitable for environments with one or two programmers, and **PrimeCut NE** (Network Edition) for larger multi-user environments where many people may be using the software at once. **PrimeCut NE** also extends its functionality to workflow management, plate inventory, historical recording of parts and plates cut and management reporting.

The following table summarizes the main differences between editions, contact us to discuss which of these solutions best suits your business needs.

	PrimeCut 3	PrimeCut NE
User type	Single user desktop	Multi user network edition
Data storage	File based	SQL Database on a server
Licensing Model	Per installed computer (seat)	Floating network licensing
Minimum seats/licenses	1	3
Investment Cost	Inexpensive for low seat counts, more expensive as seat count grows.	Moderate cost for low licence counts, inexpensive as license count increases
Installation	Customer install	Kinetic install
Automatic nesting	Optional, 1 plate at a time	Standard, multi-plate nesting
Integrated Backup	No	Yes
Reports Available	Workspace, part and job reports	Unlimited: SQL query driven
Automatic Updating	No	Yes
Report editing	Editing of layout templates only	Fully configurable, query driven, RAP programmable
Historical and Management Reporting	No	Yes
CSV and XML Event based reports	No	Yes
Plate Inventory	No	Yes
Remnant Creation	Yes	Yes
Remnant Management	No: remnants stored as files, user must delete when used	Yes: remnants treated as stock items in the database
Heat and Serial Number Tracking	No	Yes, every part cut can be have the heat and serial number traced
Quoting	Basic job costing report only	Full quoting mode, on the fly editing of charges and discounts, archiving of quotes, automatic conversion of accepted quotes to work-orders, part based and nest based quotes

Work-order management	No	Yes: due date, progress tracking, plate tracking, heat and serial number tracking.
Support for Linking to 3 rd Party MRP and Accounting Systems	No	Optional extra.
Advanced Processing: Cutting	Yes	Yes
Advanced Processing: Marking	Yes	Yes
Advanced Processing: Beveling	Yes	Yes
Advanced Processing: Drilling	Yes	Yes
Advanced Processing: Milling	Yes	Yes
Hypertherm True Hole Support	Yes, manual application	Yes, automatic application
Sequencing: Group Support	No	Yes
Common line cutting wizard	No	Yes
Machine Scheduling Editor	No	Yes, with Due Data optimization, and drag and drop jobs between machines

Option 2 Hypertherm HPR 400 XD Plasma System Upgrade

This is the latest 400 amp precision plasma system from Hypertherm. This precision plasma is designed for production cutting to 400 Amps with a HyDefinition cut. Included is the following:

- New HyPerformance HPR400 Power Supply
- Addition of Argon capabilities for improved marking
- HyPerformance cuts carbon steel, stainless steel, aluminum and other metals with HyDefinition precision.
- Bevel cutting up to 45 degrees (when fitted with the bevel head)
- Marking and cutting with the same consumables.

Following is the list of additional features included with the Kinetic machine when fitted with the HPR400 plasma system.

- Initial Height Sensing (IHS). The IHS retracts leaving the plasma marking torch a fixed distance from the plate. The IHS design ensures a full around the sensed area is detected, to avoid torch crashes
- Arc voltage control. Cutting height is maintained using arc voltage control during cutting to provide the best possible consistency of marking.
- Automated Settings. Automatic setting of voltage, current, and marking speed.
- Consumable monitors. Pierce counters and cutting timers monitor the consumable use to be monitored and maximized.
- Torch break-away head. An air chuck system is fitted to minimize damage during a collision between the plasma torch and parts that have flicked up after cutting. Once the sensor on the break away head is triggered, the machine will stop.



Option 3 Automated Contour Bevel

US Patent No. 6,753,495 (other patents pending)

The Kinetic Contour bevel head is designed to enable plasma and flame bevel cutting with the same bevel unit. Quick mount systems allow for quick cutting head changing between plasma and flame torches.

This bevel is capable of piercing vertically, beveling to the programmed angle and beveling around the contour.

Fitting this bevel unit to the standard machine carriage will use two of the four vertical axes positions.



Option 4 Gas Regulator Panel With Servo Oxy Pressure Piercing including Oxy Fuel Torch and Lifter on the Main Carriage

The gas regulator panel is used to control the pressures for oxy fuel gas cutting. This panel has the following specification.

- Servo controlled cutting oxygen pressure improves piercing of thick plate and minimizes blowback damage to torch tips and also allows for various programmable pierces (running, stationary etc)
- High and low flame settings to minimize fuel and oxygen consumption
- Dump valves near torch for quick oxy cut pressure drop at end of cut
- Cutting for up to 8" thick plate

For thick steel cutting, oxy fuel torches are used.

These torches have the following specification.

- Programmable vertical control via re-circulating ballscrew
- Programmed torch lower, preheat time, programmed raise prior to pierce, lower to cut height after pierce
- Pneumatic breakaway torch protection and easy relocation
- Full axis covers for guide-way and ballscrew protection
- Gas hoses and electrical supply in Z and Y axis drag chain
- Automatic ignition
- (picture shown is on a water table)
- Note: If torches other than Harris machine torches are to be used these are to be supplied to Kinetic by the customer for fitting at the Kinetic workshop.

Pneumatic
breakaway

Heat protection
shield

Automatic Ignition



Option 5 Percussion Marking System

This CNC micropercussion marking system has a sub axis that provides for a marking area of 100 x 100 mm. This marking system has the following specifications:

- Marking area (x/y): 100 x 100 mm
- Marking speed: up to 2 characters / second
- Available heights of characters: 2,0 up to 99,9 mm, continuously
- Marking direction: any, from 0 up to 359°
- Marking force: preadjustable
- Marking type (oscillating pin): for pneumatic pin actuation: continuous line consisting of closely spaced dots
- Marking depth: 0,2 to 0,25mm, depending on material to be marked
- Maximum noise emission when idling at 1 m distance: about 78 db(A)
- Ambient running temperature: 0 to 50°C



Option 6 2nd and 3rd Year Training, Preventive Maintenance and Warranty Extension

This option is for two visits to the customer's site per year for two days per visit by a Kinetic Technician.

Plan Benefits during Extension

- All machine parts (see exclusions below)
- All technicians labor to repair the machine for all major work required
- Two Preventive maintenance inspections on the machine per year during the visits
- Unlimited phone and email support
- All machine software upgrades for the machine controller
- Additional operator machine training for machine optimization during the visits
- Includes technician on site costs (see minor service exclusion below)
- Includes technician labor during travel times (see minor service exclusion below)

Exclusions for this option

- Air Travel costs are excluded.
- The Hypertherm systems have a one-year warranty. The Hypertherm plasma power supply has an extended warranty to 2 years on a parts only return to base (freight paid by customer). This Hypertherm warranty is passed onto the customer and no further warranty extensions apply to Hypertherm products
- All Hypertherm torch consumables, plasma torch and leads, drills and other tooling, tool holders, tool inserts, gases, torch tips and parts, grease and lubricants and coolant and any other consumable parts.
- Cutting table slats, flat bars, pins and other consumable items on the cutting table.
- The spindle cartridge warranty is limited to one year from machine installation (as premature failure is usually due to tool collisions or spindle overloading causing premature bearing failure over time).
- The warranty is void if maintenance and operating procedures are not followed, accidents or non-authorized service technicians or non-genuine parts are used.
- The warranty for the machine is for one year. This includes all parts and labor for the machine. Travel, accommodation and on site costs are included in this warranty for all major work required.

- Minor service or maintenance tasks that could be simply fixed by simply replacing single components or simple diagnostic tasks that maintenance staff are requested to perform by Kinetic service technicians during phone support, that could be reasonably expected to be performed but are refused thereby requiring a Kinetic technician making a site visit may incur travel, accommodation and on site costs. This travel and associated cost charge for this minor work is at the sole discretion of Kinetic.
- PrimeCut 3 and PrimeCut NE programming software are not part of this machine warranty extension.

Option 7 Additional 15' of Machine Travel

This option is for additional machine travel. Included are machine rails, drive rack, service supply cables, overhead drag chain and the installation of the extension at the time of the machine installation. Also included is a 15' extension to the cutting table. This extension would increase the overall cutting length to 43'. The customer is responsible for supplying the additional slats and flat bars required.