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## ***Machine Proposal***

Mai 2009,

Proposal No. 05052009 001

Dear Sir,

The FS 80 G/A2 CNC is a rigid Milling machine to do heavy duty machining with precision of 2 microns. The machine bed is a rigid casting which makes the machine strong and powerful. The machine has a moving Table in 'X' direction and in Z' direction. The head is moving in Y direction.

The Milling head is connected to 2 level Gearbox which is driven from a servo drive which is shifted automatically as well as can be shifted manual.

The Milling Head can be shifted in 2 directions manually around cross axis in a range of 0° to ± 90°. With this head you are able to drill holes in the 90° position due to shifting out quill facility.

The machine has ball screws on all axis and the nuts are preloaded for high accurate movements.

Automatic lubrication on all service points.

Machine auxiliary functions are hydraulic tool clamp. Automatic balancing of head stock.

The machine has no chip conveyor.

All axes are prepared with linear rolling guide way preloaded.

Through spindle cooling system available.

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The machine proposal includes the Items listed below with options to configure your machine.

- Item 1 Cnc Bed Milling Machine with manual adjustable head IUG 63
- Item 2 CNC Haidenhein 530
- Item 3 Technical Data of FS 80 G/A2
- Item 4 Milling standard equipment
- Item 5 Transport and Insurance
- Item 6 Installation and Testing
- Item 7 On Site Training
- Item 8 Warranty
- Option 1 Universal Head P

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

Yours Sincerely

*Johann Stangl*

Johann Stangl



**Item 1 CNC Bed Milling Machine with manual adjustable head IUG 63**

The milling machine is a precision milling machine which is used in Tool maker shops as well as in gear manufacturing shops.

The machine has the following specification:

- Electrical preparation 400V/ 50 Hz
- Ce safety regulation are implemented
- Automatic lock of axis and automatic lubrication
- Automatic tool clamp
- Program cycles included
- Prepared for climb milling
- Central feed regulation adaption
- Speed from 50 to 2800 rpm
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## **Item 2 CNC Haidenhein 530**

Digital controller for an efficient work on the machine.

- Glas measuring modules

## **Item 3 Technical Data of FS 80 G/A2**

- Table size 2000 x 800 mm
- Table T-shape clamping slots qty 7 / pitch 22x100 mm
- Lengths feed 1800 mm (X)
- Height feed 900 mm (Z)
- Head Stock feed 630 mm (Y)
- Spindle Con ISO 50 (40) optional
- Spindle speed from 18 rpm up to 4000 rpm
- Spindle gear automatic
- Rapid from 10 to 2000 mm /min in (Z) 2,5 to 500 mm / min
- Main Motor 19 KW

## **Item 4 Milling standard equipement**

- Milling repair set
- Qty 10 clamping screws T – shaped ISO 50 Din 2080
- Machine Handbook

## **Item 5 Transport and Insurance**

Included is the machine transport to the customer's factory, as detailed above. All travel for the Kinetic staff 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 6 Installation and Testing**

Included is labor for Kinetic to install and test the machine at the customer's address as detailed above. The customer is to supply all material for testing.

## **Item 7 On Site Training**

Three 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
- Maintenance personal training

## **Item 8 Warranty**

The machine has a 1 years warranty on all parts.

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

# MILLING HEADS

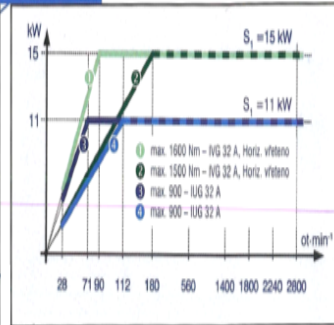
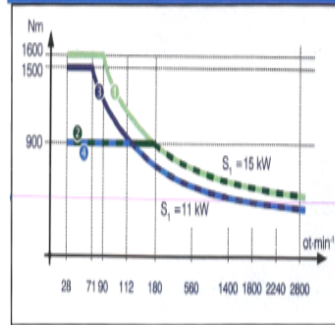
## IVG



IVG Vertikal-Präskopf Ausführung  
Drehmoment 1500/ 1600 Nm  
Pinolenhub 60 mm  
Manuell verstellbar +/- 90° XZ Ebene

IVG vertical milling head version  
Torque 1500/1600 Nm  
Travel of the quill 60 mm  
Manual inclinable +/- 90° XZ plane

## VÝKONOVÉ DIAGRAMY LEISTUNGSDIAGRAMME POWER CHARTS ДИАГРАММ МОЩНОСТИ



## **OPTIONS FOR THE KINETIC MACHINE**

Option 1      Universal Head P

## **PRICE FOR MACHINE**

All prices are in Euro

### **KINETIC K2500 DUAL DRIVE MACHINE**

|        |                                                            |
|--------|------------------------------------------------------------|
| Item 1 | Cnc Bed Milling Machine with manual adjustable head IUG 63 |
| Item 2 | CNC Haidenhein 530                                         |
| Item 3 | Technical Data of FS 80 G/A2                               |
| Item 4 | Milling standard equipement                                |
| Item 5 | Transport and Insurance                                    |
| Item 6 | Installation and Testing                                   |
| Item 7 | On Site Training                                           |
| Item 8 | Warranty                                                   |

Price for items listed above

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## **PRICE FOR OPTIONS**

All prices exclude GST and are based on various exchange rates which are subject to change and must be confirmed at time of order.

Option 1      Universal Head P

## **CUSTOMER RESPONSIBILITY**

### **SERVICES REQUIRED**

The following are to be supplied by the customer for connection to the machine at the nominated points.

#### **Electrical Supply**

Customer is to supply certified personnel to connect machine and cutting systems electrical circuits to supply point.

All electrical supplies are to be fused and fitted with isolation points.

Plasma earth peg supply and installation is the responsibility of the customer.

Machine requires 230V 1 $\phi$  and plasma requires 415V 3 $\phi$ .

### **ASSISTANCE DURING INSTALLATION**

The customer is to supply of labor, craneage and insurance to unload machine and assistance with installation work under the direction of a Kinetic engineer. Supply of plate for testing is also the customer responsibility.

### **SUITABLE AREA**

The customer is to ensure suitable concrete floor with sufficient support to ensure that the machine alignment and accuracies can be maintained over the length and width of the machine and table.

## **GENERAL TERMS AND CONDITIONS**

### **TERMS AND CONDITIONS OF SALE**

As described in our 'Standard Terms and Conditions of Sale' as attached unless specified otherwise. Where there is a conflict between these terms and that of the Standard Terms and Conditions of Sale, then these terms will apply.

### **VALIDITY**

This proposal is valid for 30 days from the above date.

### **DELIVERY**

Delivery is currently 12 weeks ex factory.

### **PRICE, TAX, DUTY AND TARIFFS**

The quoted prices exclude tariffs and duties and local taxes.

### **PAYMENT TERMS**

30% of machine price with order.

60% of machine price on completion of machine at our factory.

10% of machine after commissioning in Galadari

The letter of credit shall be valid up to 60 days after the date of the bill of lading.

### **ON SITE RESPONSIBILITY**

Kinetic and their staff and contractors will position and install the machine in the position allocated by the Customer's staff. It is the responsibility of Customer to ensure the area allocated is sufficiently large and weatherproof and all that all building and service supply modifications that may be required are carried out prior to the machine installation. All building and service modifications are the sole responsibility of the customer and are to be completed prior to machine delivery.

# **KINETIC CUTTING SYSTEMS INC. AND KINETIC ENGINEERING DESIGN LTD**

## **STANDARD TERMS AND CONDITIONS OF SALE**

1. **PRICE** The price of the goods is exclusive of local taxes which shall be paid without declaration in addition and at the "time of supply". The price of the goods will be that ruling at the date of delivery.
2. **DEPOSIT** Unless otherwise expressly provided in writing the customer shall pay the deposit forthwith, time being of the essence. The deposit shall be paid in part payment of the purchase price.
3. **PAYMENT** Unless otherwise expressly provided the price shall be paid as follows: Firstly by the payment forthwith as a deposit being 30% of the price; Secondly by the payment as a progress payment of an amount being 30% of the price. Thirdly by the payment on acceptance ex factory date of an amount being 30% of the price: and Fourthly by the payment of the balance of the price on that date being 30 days after the system or machine delivery date. The system delivery date shall be that date upon which the Company certifies that the goods are situated at the delivery site. As between the parties a certificate of the Company required under this clause shall save manifest error be conclusive evidence as to the subject matter therein contained. Payments shall be made without any deductions or setoff. All software licence codes will only be provided by the Company following full payment. No payment shall be withheld, reduced or deferred on account of any claim, counter claim, set off or otherwise. If full payment of any amount payable by the customer is not paid to the Company by the due date (a) that the customer shall pay interest on the moneys owing of 2.5 percent per calendar month (or such lower rate as the Company may decide). This interest is payable on a daily basis and is also payable after judgement. (b) The Customer shall be liable to pay upon demand all the expenses and legal costs incurred by the Company as a result of the Customer's default or of and incidental to the enforcement or attempted enforcement by the Company of its rights remedies and powers.
4. **DELIVERY** Any delivery date specified notwithstanding anything contained in the agreement of which these conditions form a part shall not be of the essence and the Company shall not be liable for failure to deliver of any such date. If delivery is prevented or delayed by force majeure or any circumstances beyond the Company's control then the Company may at its option either perform the contract or so much thereof as remains unperformed within a reasonable time of such prevention or delay or cancel this contract to the extent that it remains unperformed and the Company shall not thereby incur any liability of any sort whatsoever.
5. **RISK** The customer bears the risk of any loss damage or deterioration of the goods due to any cause whatsoever from the time the Company gives possession of the goods to the first carrier or if the Company delivers the goods in its own vehicle at the place of delivery.
6. **OWNERSHIP** Ownership of the goods shall not pass to the customer until the customer has paid all that is owing to the Company. Until ownership is passed the customer holds the goods on behalf of the Company under the following conditions (a) The Company is permitted to enter into using as much force as is necessary to enter the customer's premises to inspect or repossess (or both) the goods. (b) If the customer sells the goods to a third party then the customer is accountable to the Company for all proceeds derived from such sale and shall hold such proceeds separately from other moneys on trust for the Company. If the customer is a company then each of its directors shall ensure all proceeds of sale are held separately on trust for the Company. (c) If the customer manufactures intermingles or deals with the goods in such a manner that they become an integral part of any other object then the customer shall be deemed to do so as an agent of the Company and ownership of the goods will remain with the Company as principal.
7. **WARRANTY** The Company warrants the goods to the extent it has manufactured the same against faulty workmanship and/or all materials for a period of twelve months after delivery and further warrants the goods will substantially conform with any description or specifications (if any) given to the customer provided always (a) all claims under this warranty are received within six months of the delivery of the goods. (b) the customer gives the Company notice of any defect in the goods within seven (7) days of such defect becoming apparent. (c) the customer has maintained and operated the goods in accordance with good industry practices and has complied with all specific recommendations of the Company. The Company will only be responsible for the replacement or the repair of faulty goods or workmanship (including faulty workmanship provided under this warranty) or for bringing the goods into conformity with any description or specifications (if any) given by the Company to the customer. Any such repair will be done at such a place as the Company may specify. The customer is responsible for cartage of the goods or of such parts of the goods as shall be necessary to and /or from the place as specified. This warranty shall not apply if the goods are repaired by any person not authorised by the Company to do such repairs or if the goods are used other than for the purpose for which they were intended by the Company. This warranty applies only to goods manufactured by the Company. Any parts components or materials obtained by the Company from any other sources are not covered by this warranty. Such parts components or materials shall be covered by the manufacturer's warranty (if any) only. This warranty does not cover any specifications or requirements tendered to the Company by the customer it being the customers exclusive responsibility to ensure that the goods supplied under this contract will be satisfactory to meet its specifications or requirements (or both). This warranty is exclusive and all other warranties descriptions representations or conditions as to fitness or suitability for any purpose, tolerance to and condition, merchantability or otherwise whether of like nature or not and whether expressed or implied by law trade custom or otherwise are expressly excluded. This warranty is not transferable by the customer.
8. **RETURNS** The Company will not accept goods returned unless such return has been previously agreed in writing by the Company with the customer.
9. **LIMITATIONS OF LIABILITY** The total liability of the Company (or any of its servants contractors or agents) whether in contract tort or otherwise for any loss damage or injury arising directly or indirectly from any defect in or non-compliance of the goods or a unit or a part thereof or any other breach of the Company's obligation under this contract will not in any event exceed the purchase price of the goods (or the unit or part thereof as the case maybe upon which such liability is based). The Company (or any of its servants subcontractors or agents ) shall not be liable for consequential indirect or special damage or loss caused by the customer's servants agents buyers or any other persons whatsoever. The customer shall indemnify the Company (and each severally its servants subcontractors and agents) against any claims by the customer's servants agents customers or other persons whether similar to the foregoing or not in respect of any loss damage or injury arising from any defect in or non-compliance of the goods (or any unit or part thereof) or in respect of any other matter whatsoever.
10. **WAIVER AND FORBEARANCE** All the original rights powers exemption and remedies of the Company shall remain in full force notwithstanding and neglect forbearance or delay in the enforcement thereof. The Company shall not be deemed to have waived any condition unless such waiver is in writing and signed by a director or a secretary of the Company. Any such waiver shall apply to and operate only in the particular transaction dealing or matter in respect of which it was given.
11. **CUSTOMERS DEFAULT OR BANKRUPTCY** If the customer makes any default hereunder or commits any act of bankruptcy or being a company goes into liquidation or receivership or passes a resolution for the winding up (other than for the purposes or reconstruction) or compounds with or assigns any part of its estate to or for the benefit of its creditors or any number thereof then in any such case the Company without prejudice to any other rights or remedies in law or in equity shall be entitled at its option to terminate this contract or to withhold delivery of the goods and to resell the same or any part thereof and to claim in bankruptcy or liquidation for all loss and expenses so incurred.
12. **ASSIGNMENT** The Company is entitled at any time to assign to any other person the whole or part of this contract including all or any part of the debt owing to the Company in respect hereof. Any such assignee shall be entitled to claim full rights set off or counter claim against the customer as charge holders or successors in respect or the whole or part of this contract or the debt or part thereof so assigned
13. **CONTRACT** By entering into this contract the Company and the customer acknowledge that these written terms express the entire agreement between the Company and the customer and that there have been no representations made by either party to the other except as are expressly set forth herein and that if there is any inconsistency with the terms of any order that may be lodged by the customer any such order shall be of no effect. The contract shall not be subject to any change or modification except with prior written consent of both parties.
14. **ARBITRATION** All questions or differences which may at any time hereafter arise between the parties touching upon this agreement or subject matter thereof or arising out of or in relation thereto respectively and whether as to construction or otherwise shall at the cost of the customer in all things be referred to the arbitration of two independent persons, one appointed each by the Company and the customer together with an umpire appointed by the arbitrators, before entering upon consideration of the matters to be submitted both such arbitrators to be appointed within fourteen (14) days of such question or difference arising provided however should the customer fail to make an appointment within the said fourteen (14) days then the person appointed by the Company shall be and become the sole arbitrator of the said dispute or difference. Every such arbitration shall be conducted at Auckland, New Zealand. Every such reference shall be deemed a submission to arbitration within the meaning of the Arbitration Act 1908 and its amendments and shall be conducted and take effect accordingly except only so far as the provisions of such said Act are hereby expressly modified and the award of such Arbitrator (or Arbitrators and the umpire as the case may be) shall be final and binding upon the parties hereto.
15. **INTERPRETATION** For the purposes of these terms and conditions of sale the terms "the Company" means Kinetic Engineering Design Limited and its successors and assigns, "the goods" includes without limitation plant and machinery and the plural includes the singular and vice versa.