



FRONIUS USA, LLC

6797 Fronius Drive
Portage, IN 46368
(877) 376-6487
Fax: (219) 734-5502
www.fronius-usa.com

Fronius USA is pleased to provide you with the enclosed Welding Automation Proposal.

Internationally recognized as a leader in both welding technology and quality, Fronius is unequalled in providing their customers with "true value added welding solutions". Having over 450 Research & Development Engineers; Fronius' Automated Welding Systems provide the highest throughput available in the industry today. Fronius' equipment is manufactured where design and quality have been the hallmark for centuries. The Fronius standards are high, because our goal is to exceed our customers' expectation on every system.

After reviewing the proposal if you have any questions, or wish to make modifications, please do not hesitate to contact us.

Sincerely;
Fronius USA, LLC

By: Wm. Jeff Hoffart
Wm. Jeff Hoffart
Automation Specialist / Consultant

By: Gerald Obritzberger
Gerald Obritzberger
Director of Sales Welding Division



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Fronius Proposal Number Rev 2
FOW (Fronius Inside - Outside Overlay Welding System)

Date: 2/3/2014



RELIANCE PROJECT

Offer Rev 2

February 3, 2014

FOW (Fronius Overlay Welding - System)

Inside - outside overlay welding system

FTM1500 / FTT12000 / HMI-T10 / HMI-RC

CMT / TIG - HW

We are pleased to present the following proposal for your consideration.

Requirements

Application: inside - overlay welding

Work piece design: cylindrical pin
Drawing: BK2XL6AN-FW01, BX2XP6IN-FW01, B14FL7X-21.89, EX2FP6IN-FW01
EK2XL6AN-FW01, EJ3JL8XN-FW01

Base material: -

Filler material: Inconel 625

Welding procedure: **CMT / TIG-HW**

Weld position: PA (Flat)

Layer thickness: 1.2 - 3.0 mm

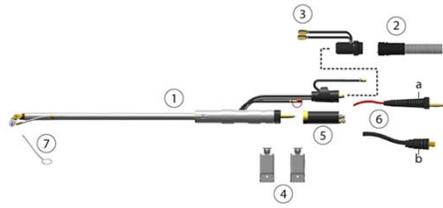
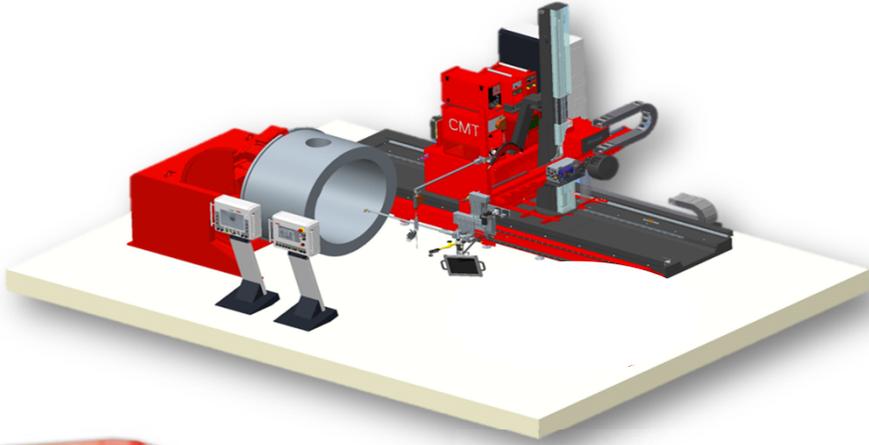
Work piece parameter

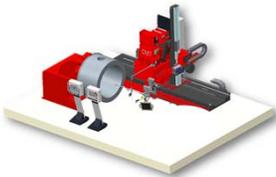
Length: min. 400mm up to 1000mm - (15.8" - 39.4")
Inside diameter: min. 200mm up to 1400mm - (7.87" - 55.1")
Outside diameter: min. 100mm up to 1500mm - (3.9" - 59.1")
Wall thickness: -
Number of Layers: -
Coating thickness:
Weight of workpiece: max. 33,069 lbs (exclusive customers clamping system)
Work piece conditions: surface cleaning by customer

Included within this proposal is the following discounts:

	Total
Datalogger and Dataviewer for HMI	\$5,089.84
Fronius Welding Engineering	\$13,000.00
Process Development for VT's CMT Application Lead	

time has been reduced to 16 weeks.



Quantity	Part number	PG	LK	Designation	
Automation equipment					
1	41,100,139			FW (Fronius Overlay Welding - System) <i>scope of delivery</i>	\$255,000.00
<hr/>					
					
FTM 1500 <i>/ Base frame with carriage and energy chain</i> <i>/ AC-Servomotor drive with rack gear and linear slides</i> <i>/ Adjustable machine feet's for base frame movement in height</i> <i>/ Limit switches in both directions</i>					
FRF 890x925/ML500 <i>/ Console for welding power source</i> <i>/ Fixation of 2 power sources and cooling unit</i>					
FRF 1782x812/ML300 <i>/ Rack frame</i> <i>/ For system controller HMI-T10/FMW/EC 6-6</i>					
Weld head <i>/ Welding head swivel unit 90°</i> <i>/ CMT-Torch cooling housing</i> <i>/ Torch support for CMT Inside cladding</i>					
					
HMI-T10 Control panel (terminal) <i>/ Operation terminal 10,4" touch display for programming</i> <i>/ Additional buttons and turning wheel for parameter corrections</i> <i>/ Robust operation frame mounted on rollers IP54 (angle of slope adjustable)</i> <i>/ USB Interface (backup, additional program memory)</i> <i>/ Control of up to 19 position axis and 4 welding power sources</i> <i>/ Welding process selectable</i> <i>/ Full access on all power source parameters (Fronius- power sources)</i> <i>/ Free definable parameter sets (degree or mm)</i> <i>/ Individual program steps e.g. autom. axe positioning, welding</i> <i>/ Internal program memory for 500 programs</i> <i>/ Hard and software modularity</i> <i>/ High operation safety (EMV / HF compatible)</i> <i>/ Diagnose with failure as text and remote maintenance</i> <i>/ Does not include intersecting bore to bore software</i>					
					
					
NOTE: Customer has to provide network connection <i>/ User login administration with password</i> <i>/ Language switching</i> <i>/ Remote control HMI-RC (with 15m cable)</i> <i>/ Software Q-MASTER for HMI</i>					
Cable management <i>/ Connection cable HMI to power sources</i> <i>/ Connection cable HMI to headstocks, swivel unit, pneumatic cylinders</i> <i>/ Main Power Cable 3x400V (length has to be defined)</i> <i>/ Earth cables</i> <i>/ Cable trays with energy chain included</i>					
2	44,0001,3398	4		Water hose Chilly L=5m (2 pc.) <i>/ Water cooling only possible up to max. 150°C ambient temperature</i> <i>/ Cooling only parallel (e.g. welding torch,...) not serial</i> <i>/ I-kit Cooling camera is necessary (8,100,178)</i> <i>/ If ambient temperature is > 150°C technical clarification is necessary</i>	\$137.44
30	48,0001,0085	12		Pneumatic hose PU 4x0,75 <i>/ Material sold by the meter</i> <i>/ Specify the required length (length pneumatic hose = length from cable camera ArcView)</i>	\$56.44
1	48,0007,2225	12		Hinge stand 400/11 hydraulically clamped <i>/ Camera holder with 3 joints and a central, hydraulic clamp via star knob</i> <i>/ Easy mounting with thread M8</i>	\$451.83
Automation equipment					
2	1	58,0931,6000	4	Lightning protection 360x316 A9 with articulated arm 530/3	\$1,305.27
					

HMI-T10 system controller software

3	1	8,100,183	4	I-kit Datalogger for HMI		\$4,586.08
4	1	38,0009,0186	4	DataViewer HMI		\$503.76

No Charge, included in total package Price

CMT Welding equipment

1	4,100,121	TransPuls Synergic 5000 MV CMT System <i>I-kit turning pintle mounting podium (for VR 4000/7000)</i> <i>VR 7000-CMT 4R(G/W)/F++</i> <i>I-kit digital gas sensor</i> <i>Connection hose pack</i> <i>Wire guide insert steel 0,8-2,4</i> <i>Remote control RCU 5000i Universal SD</i> <i>Remote control cable 10-polig/5m</i> <i>I-kit mounting RCU5000i</i> <i>Robacta Drive CMT</i> <i>Torch CMT ø350 / 1m ABL</i> <i>Uptake CMT-wire buffer</i> <i>Wire buffer set CMT</i> <i>Service FMP-mounting Inverter</i>				\$32,679.69
<p>NOTE: Hard wires can be increase the wear parts consumption!</p>						

TIG Welding equipment

1	4,100,121	TransTig 5000 MV System <i>I-Kit KD-Digital/LocalNet</i> <i>External gas control 5-30 l/min</i> <i>Uptake ext. gas control/2 AM</i> <i>Remote control cable 10-pin/5m</i> <i>KD 1500 D-11</i> <i>I-kit Cover KD 1500-D11 TWIN</i> <i>I-kit Encoder KD1500 D-11</i> <i>CW-Feeding M 1,0-1,2/F/4m</i> <i>TransTig 2200 Job G/F</i> <i>TTHW5000M ø125 FCS F++/1m ABL</i> <i>Wearing pt. box TTHW5000M ø125</i> <i>Adapter CB - PAP - TIG FH</i> <i>Adapter HD - Fronius F</i> <i>Service FMP Inverter</i>				\$32,679.69
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Quantity Part number PG LK Designation

1	8,045,154,S	14	FTT 15000/MO/CC/HMI <i>/ horizontal/vertical tilting cladding table</i> <i>/ Sandwich face plate</i> <i>/ Anti-Backlash device</i> <i>/ 5-way slip ring and 6 way thermocouple</i> <i>/ Max. tilting torque 39240 Nm (28941.9 ft lb) -> (inclusive customers clamping system)</i> <i>/ Details see attached flyer (Type: FTT 15000/MO)</i>				\$165,028.15
<p>: NOTE: Safety barrier and clamping system is responsibility</p>							



Resistance Preheating & Thermocoupling Monitoring

1	8,045,074	4	X	Heat treatment unit mobile 6/6 50kVA	1	\$17,872.99
1	11,100,000	14	X	12 Point Digital Temperature Recorder	1	\$11,388.01
Total amount resistance preheating						\$29,261.00

Preheating Equipment for one stationary and one moveable (FRT or FRP)

3	8,045,087	4	X	Connection line Triple-set 180A 20m (787.40) Female-Connector +TC-plug	3	\$1,736.07
3	8,045,434	4	X	Connection line Triple-set 180A 20m (787.40) Cable lug 13.5mm+TC-plug	3	\$1,479.96
	8,045,090	4	X	Connection line Splitter 3-way 2m (78.4inch)	12	\$684.12
3	0100,0103	4	X	Extension for splitter-cable 35mm2 2m(Plug35mm/coupling for preheating, 78,74inch)	6	
	8,045,089	4	X	Connection line Compensation loops 3m (118,11inch)	6	\$292.92
	8,045,079	4	X	Thermocoupling attachment unit TAU	1	\$1,285.51
	8,045,080	4	X	Thermocouple twin-wire 100m (3937inch)	1	\$219.85
	8,045,081	4	X	Thermocouple plug type K	6	\$47.40
Total amount preheating equipment						\$5,745.83

Flexible ceramic pads (heating elements) & accessories

Parts available through Technical Alloy & Industrial Gas

SubTotal 1 FOW SYSTEM - USD \$522,345.35

Training and installation

41,100,108	11	Functional acceptance and training in Austria • Customer is responsible for their own air travel and hotel expenses.	\$10,500.00
41,100,133	7	Installation supervision and putting into operation and training • 3 people from Fronius	\$25,000.00
42,100,016		• Travel expenses (car, flight, hotel,...) Fronius USA CMT Welding Process Parameter Development fot valve application No Charge, included in total package Price	\$5,250.00 \$13,000.00
<p>Scope of installation: Do not remove Equipment from container/crate till Fronius Service Engineer arrives. Identified equipment shortages of open containers/crates prior to arrival of Fronius Service Engineers are to the account of customer. Foundation, electrical power, gas and fluids per installation drawing are to be completed prior to installation starting and arrival of Fronius Service Engineer . If site is not prepared per installation drawing and requires Fronius Service Engineer to either extend his stay or return at a later date the additional cost are the account of customer . Customer is responsible for all required handling equipment to properly unload and install equipment. Main power hook up to the equipment is the customer's responsibility. Fronius Service Engineer will supervise equipment handling and placing of equipment, customer is responsible for equipment placement. Fronius Service Engineer is responsible for all equipment internal electrical connections and calibrations.</p> <p>Scope of Training: Customer responsible for having available welding operator(s) and maintenance service personnel with suitable backgrounds to be trained for the proper use and maintenance of equipment. <u>Operator training:</u> Instructions will be given in the proper use, programming and the establishment of basic welding parameters. <u>Maintenance training:</u> Instructions will be given in the proper preventive maintenance of equipment, basic trouble shooting and spare parts that should be maintained.</p>			
SubTotal 2 FOW SYSTEM - USD			\$563,095.34
41,100,127	7	Packing costs for wooden box	\$5,865.00
Shipment:		Fronius handles freight, insurance and duty.	
		Shipping cost	\$34,321.00
Total FOW SYSTEM - USD			\$603,281.34
<p>Note: UL/CSA certification only standard on welding power supply.</p>			

Terms

Valid until: February 5, 2014
Lead time: 16 weeks confirmed on order placement
Lead time starts after receipt of prepayment.
Payment Terms: Fronius Terms and Conditions - 30% with order / 50% prior to shipment / 20% installation acceptance
General Terms and Conditions of Fronius USA, LLC

Documentation:

Operator manual - English language
Spare and ware part list - English Language
Fronius will supply a recommended spare parts list that the customer should keep on-hand.
List will be provided after order confirmation.
Wiring schematics
Maintenance guideline

Quantity:

1 Manual copy in paper
1 Manual on CD or DVD (files in *.pdf)

Safety equipment and instructions

All persons involved in any way with starting up, operating, servicing and maintaining the machine must have suitable qualifications.

The customer is responsible for the following measures:

- PPE - i.e. Protective weld shield
- Fume extractor
- Protection of machine (housing/covering/enclosure/sensor, ...)

If you have any questions or if we can be of further assistance, please contact us.

Best regards
Fronius USA LLC

Protection mark for restricting the use of documents:

Copying of this document and giving it to others and the use or communication of the contents thereof, are forbidden without express written authority, Offenders are liable to the payment of damages. All rights are reserved in the event of the grant of the contents thereof, are forbidden without express written authority of a patent or the registration of a utility model or design.

Supply voltage step transformer

Fronius motion equipment (i.e. turn table and column & boom) has an input voltage of 400 volts; therefore, customer is required to supply voltage step transformer. Connected load: 3x400 VAC/N/PE –50kVA (fuse protection: min. 3x80 Amps) Feed cable: min. 5xAWG5 *****Please note that the welding equipment has universal input voltage; therefore, a step transformer is not required.

General terms of delivery and payment

The general terms of delivery and payment of Fronius International GmbH are exclusively applicable. The current conditions can be found on our homepage <http://www.fronius.com>

Liability and compensation:

Any liability and damage claims up to a maximum contract value limit. Welding responsibility is part of customer.

Reservation of property rights

Fronius reserves the right / withdrawal from the delivery object until the full payment including all claims have been made, irrespective of the legal basis.

Warranty

The term warranty describes the time period of 12 months in single-shift and max. 2000 operating-hours from the date of the final acceptance. This is also valid for deliveries of immovable objects/items and services on immovable objects/items. If there is not any final acceptance defined, the term warranty defines the time period of 12 months from the transfer of perils, at the latest.

If the delivery item is not approved, despite an agreed final acceptance, the time period of 12 months after the transfer of perils is also referred to as warranty.

The warranty includes (excluding welding torches and spare parts on which the ordering-party gets 6 months after sale) the required working time according to plan-time-catalogue and required material as well as incurred travel expenses* also journey time expenses* which are needed for repair (max. 200 km, max. 3 hours per warranty case).

Any price reductions and the liability for consequential losses are excluded.

Furthermore, excluded from the warranty are those defects attributable to the equipment's not being set-up and installed by Fronius, inadequate facilities, non-compliance with the installation requirements and conditions of use, overloading of the parts beyond the maximum level stated by Fronius, negligent or otherwise improper handling, use of unsuitable operating material. The above exclusions equally apply to defects attributable to any supplied materials by the ordering party.

The Fronius is not liable for damages that are caused due to the act of third parties, atmospheric discharge, overvoltage and chemical influences.

The warranty does not apply to replacements of parts which are subject to natural waste. Customized productions are not taken back. Expendable items such as oil, lubricants and parts which are in contact with the welding wire, outside mounted cable couplings, manual remote controls, displays and keyboards are excluded from the warranty. If the control of the delivery-object includes a built-in modem, the ordering-party is responsible for a correct installation and commissioning of the modem, in order to ensure the Fronius in case of a service to access the equipment from his seat and to diagnose the source of error.

If the ordering-party neglects the installations and commissioning accordingly, the travel expenses of Fronius for the diagnosis of the damage are carried by the ordering-party. This also applies within the warranty period. Excluded from this regulation are the controls without a built-in modem.

Liability and compensation

Fronius' liability is limited with the amount of the order-amount. While using the delivered products, machines and any other goods, the ordering party is bound to follow and comply with all existing instructions, technical regulations, installation requirements, factory and usage requirements, in particular with all regulations in electrical engineering and mechanical engineering and during use only authorized specialists shall be consulted. In default whereof, Fronius does not take responsibility. Welding responsibility lies with the ordering-party.

Duty to supply information / indication of the ordering-party

In case of concerns against the planned construction, groundworks of the sub-companies, discrepancies during the inspection of the graphical documents, the ordering-party has to inform the project-leader of the Fronius with immediate effect in writing.

The ordering-party has to bring about a settlement with the project leader of the Fronius as soon as possible. Fronius is not responsible for failures which have been caused due to the neglect of such information.

Reservation of property rights

Fronius reserves the right / withdrawal from the delivery object until the full payment including all claims have been made, irrespective of the legal basis.

Safety-related equipment and directions

All persons who are dealing with commissioning, operation, maintenance and servicing of the machine must be qualified and have appropriate skills in welding. The operating company is exclusively responsible for the implementation and compliance of the safety-related activities which are as follows:

- Visual cover when welding
- Fume Extraction (gases and fume)
- Safeguarding the equipment (housing, protective grille, light barrier,...)
- Personal protective equipment of the worker while welding

The ordering-party is liable for accidents and injuries of all kinds.

Protection mark for restricting the use of documents:

Copying of this document (datas/videos/fotos) and giving it to others and the use or communication of the contents thereof, are forbidden without express written authority. Offenders are liable to the payment of damages.

All rights are reserved in the event of the grant of the contents thereof,

are forbidden without express written authority and of a patent or the registration of a utility model or design.

FMP automation (ready mounted and test-welded / tested)

Where a system configuration is ordered as "FMP automation" (the German initials for ready mounted and test-welded / tested), this comprises the following services before the delivery takes place:

According to the order, the system is mechanically, electrically, software technically assembled. Single components get mounted mechanically, installed electrically, integrated and aligned with the control unit and the power source. (wire feed unit - incl. mounting the correct feed rollers, intermediate drive - this will be marked with the serial number of the wire feed unit, hose pack(s), torch - complete with wire-guide inner liner, contact tube and gas). All ordered options (installation kits, interfaces, accessories) are installed. If an order includes a power source, then a functional welding test takes place.

Note: If the FMP process takes more than 1 hour, the costs must be paid.

Calibration & technical safety check control

Includes the careful setting of gas flow, welding current, welding voltage and wire feeder speed. The standardized quality requirement can be adhered and reproducible welding results are guaranteed.

Acceptance

In case of an acceptance of a system in the plant of Fronius, an acceptance report according to the range of activities and delivery has to be created, which has to be signed from both parties. The acceptance report of Fronius has to be used.

The ordering party has to allocate an accordant expert staff to survey and judge as well as for training the system.

If the acceptance does not take place in the plant of the ordering party, the ordering party has to confirm work- / travel time and the performance of the staff via a form. If Fronius asks for the acceptance of the benefits, the ordering party has to carry it out in a suitable period of time or latest within 4 weeks. If this does not take place, the acceptance becomes valid after 4 weeks. The acceptance also becomes valid, if the goods are getting used in accordance with the law.

The ordering party is not allowed to deny the acceptance, when a not important defect exists. The ordering party is bound to offer free of charge examples and original components in adequate quantity at the right time.

The work pieces are required to arrange the acceptance and are needed for the test welding on the ordering party system.

Fronius takes no liability for damaged work pieces of the ordering party.

Previously it will be necessary to check, if welding on the ordering party components is technically accomplishable at Fronius.

Specific standards for the system acceptance have to be defined before with the ordering party.

Functional acceptance at Fronius in Austria

If a system is ordered including the service functional acceptance, the following scope will be included:

Functional presentation of the scope of services on a dummy of our own choice, or on a free of charge supplied material from the ordering party.

The ordering party gets instructed in the basic functions of the system. Review of the technical documentation of the system. Instruction related to maintenance of the system.

The duration of this scope of services depends on the system configuration and the requirements of the service. Benefits, which are in excess of our standard scope of supply, are on request. After signing the acceptance report, the goods get ready for dispatch.

From this moment on, this service is considered to be done.

Component, welding seam preparation, cleaning material, welding gas, welding wire, jig, weld seam - quality inspection such as radiographic test, penetrant testing, hardness test, material testing, macro- / micro grinding, tensile test, bending test, notch impact test, measurement of hardness and a welding operator qualification are not included in the scope of delivery.

Functional acceptance at the ordering party

If a system is ordered including the service functional acceptance at the ordering party, the following scope will be included:

Training of operator staff in the functions of the system (Manipulation and service of the system, the welding power source, control unit, safety related details).

Operation of functional welding on components. Introduction of the technical documentation and the maintenance of the system (manual, spare and wear parts,...).

After signing the acceptance report, the goods get ready for dispatch.

From this moment on, this service is considered to be done.

The duration of this scope of service depends on the system configuration and the requirements of the service. Benefits, which are far in excess of our standard scope of supply, are on request.

Travel expenses (travel time, hotel, flight, train, hire car and mileage allowance) are according to costs.

Component, welding seam preparation, cleaning material, welding gas, welding wire, jig, weld seam - quality inspection such as radiographic test, penetrant testing,

hardness test, material testing, macro- / micro grinding, tensile test, bending test, notch impact test, measurement of hardness and a welding operator qualification are not included in the scope of delivery, if not explicitly mentioned.

For services performed under contracts for work and materials, the ordering party has to provide us with the necessary equipment and auxiliary materials (e.g. winches, rails, framework, cranes and elevators, electricity, etc.) in good time and at no charge, even if installation is included in the price or if a flat-rate price has been agreed for this. Any works needing to be carried out by the Ordering Party preparatory to installation, (e.g. building work, basement construction, bottom attachment, current, gas, air, water) must be completed prior to the arrival of our installation technicians.

Furthermore, the Ordering Party must take all safety precautions needed for the protection of persons and property.

We shall not accept liability for the ancillary personnel, equipment and auxiliary materials which may be placed at our disposal unless gross negligence is proven on our part.



Fronius Automation Cladding Equipment Terms and Conditions

- Cancellation Policy – Within 30 days from purchase order acceptance - 30% cancellation charge, 31 to 45 days - 50% cancellation, 46 days and beyond 100% cancellation charge
- Prices and Conditions – Prices on Automation Equipment are valid for thirty (30) days of the date on the proposal, unless stated otherwise.
- Payment Terms - Automation Equipment payment terms unless stated otherwise:
30% of invoice balance due upon order placement, 60% due prior to equipment shipment from Fronius manufacturing facility, remaining 10% due upon system acceptance at customer's facility
- Warranty
Fronius hereby warrants and represents to Buyer that their Automated Welding Equipment and all components and parts thereof shall be free from defects in material and workmanship that result in breakdown or other failure under normal use within a period of ONE YEAR from the date of shipment to Buyer, provided that Fronius is given written notice of any claim not later than ten (10) days following the end of the warranty period. Fronius' obligation under this warranty shall be limited to repair or replacement, at its option, at no cost or expense to the Buyer other than travel and accommodation costs and expenses of the Fronius' Service Engineer should in-plant service be necessary. For breakdowns or failures occurring more than SIX (6) MONTHS after shipment, the Buyer is responsible for Fronius' labor cost or expense of repair or replacement of any components or parts thereof which Fronius' examination proves to be defective. Fronius receives warranties on certain components purchased by it and its obligation with respect to such components shall be limited to the extent of the warranties so received by it. The warranty on replacement parts after the warranty period is ninety (90) days.
- Disclaimer - Fronius manufactures some of the most advanced welding systems in the Welding Industry, our systems are designed to produce maximum weld quality and efficiency. The performance characteristics of different equipment manufacturers can vary; therefore, welding parameters (amps, wire feed speed, voltage, pulse and travel speed) may vary and fall outside a customer's existing qualified welding procedure(s). While considering purchasing a Fronius Automation System there is a possibility a new welding procedure(s) may be required, if required these costs are at the expense of the buyer.
- Shipping – Buyer is responsible for any and all import taxes, freight charges once received into the country, insurance costs, etc.
- Quality – Fronius production plants are ISO 9001 certified

Automation Terms and Conditions are in addition to Fronius USA, LLC's standard Terms and Conditions which can be found on our website at www.fronius-usa.com



COMMERCIAL CREDIT APPLICATION AND SECURITY AGREEMENT

I. Information About Customer:

Name of Customer: _____ Attn: _____

Billing Address: _____

Telephone: _____ Fax: _____

D&B #: _____

Accounts Payable Contact: _____ Phone: _____ Email: _____

Purchasing Agent: _____ Phone: _____ Email: _____

Trade Credit References (Suppliers):

(1) _____

Contact Person: _____ Telephone: _____

(2) _____

Contact Person: _____ Telephone: _____

Please include tax exemption certificate.

II. REPRESENTATIONS. Customer (and the individual(s) signing on their behalf) hereby represent to Company for the purposes of obtaining credit for Customer, that Customer is not insolvent, the information above and attachments hereto are true as of the date hereof, and they have no judgments or pending lawsuits against them.

III. PROMISE TO PAY AND PERFORM SECURITY AGREEMENT. Customer promises to pay and perform all obligations of Customer to Company currently existing or arising in the future, under the terms and conditions of Company's quotations, invoices or otherwise. Company may allocate all payments among principal and interest and among outstanding invoices at its discretion. Customer grants Company a security interest in all goods furnished by Company and all goods on which Company furnished service, now and in the future, to secure Customer's obligations to Company existing now or in the future. Customer intends to purchase goods, equipment and other personal property from Company or its affiliates for:

_____ Use of the Customer

_____ Resale to others, the names and addresses of which shall be provided to Company

IV. BUSINESS RELATIONSHIP. The granting of credit terms does not obligate Company to sell to Customer. Credit terms may be changed at any time by Company. All sales shall be under Company's standard General Terms and Conditions of Sale. COMPANY SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, PUNITIVE, OR EXEMPLARY DAMAGES ARISING OUT OF ITS BREACH OF ANY OBLIGATIONS TO CUSTOMER UNDER ANY CONTRACT OR RELATIONSHIP EXISTING NOW OR IN THE FUTURE.

I acknowledge that I have reviewed and agree to Fronius USA, LLC terms and conditions

Signature: _____

Printed: _____

Title: _____

Date: _____



SHIFTING THE LIMITS

ACH / Wire Information

Dear Valued Customer,

Fronius USA, LLC has updated their banking information effective September 1st, 2013. Please update your records accordingly.

Beneficiary Name: Fronius USA, LLC
Beneficiary Address: 6797 Fronius Drive, Portage, IN 46368

Beneficiary Bank: HSBC Bank USA N.A.
Bank Address: One HSBC Center, Buffalo, NY 14203

ACH Payments:

Routing Number: 022000020
Account Number: 724001638

Wire Payments:

Swift Code: MRMDUS33
Routing Number: 021001088
Account Number: 724001638

/ Shawn Kehan
/ Fronius USA, LLC
/ Head of Finance

Equipment

Step-Down Transformer

- **460 – 400 VAC 3-phase Transformer**

- Exact model will depend on the KVA needed for the automation cell in question
- Exact pricing will have to be quoted based on need.
- Please reference website below for more information
- Technical Specs: http://www.temcoindustrialpower.com/product_selection.html?p=euro-selection-guide&utm_source=temcotransformer.com&utm_medium=Banner%2BAd&utm_campaign=Euro%2BTransformers#480_standard
- Ordering: <http://www.temcotransformer.com/#Order>

2 week production time.

480V Delta primary (input) x 380V, 400V, or 415V Wye secondary (output). 3 phase, 50hz or 60hz, dry type NEMA 3R (rated for outdoor use). Dry type distribution transformer, enclosed ventilated.

kVA	Amps at 380V	Amps at 400V	Amps at 415V	Aluminum Wound	Copper Wound
3	4.56	4.33	4.17	N/A	TT1018
6	9.12	8.66	8.35	N/A	TT1019
9	13.67	12.99	12.52	N/A	TT1020
15	22.79	21.65	20.87	TT1041	TT1071
30	45.58	43.30	41.74	TT1042	TT1072
45	68.37	64.95	62.61	TT1043	TT1073
75	113.95	108.26	104.34	TT1044	TT1074
112.5	170.93	162.38	156.52	TT1045	TT1075
150	227.91	216.51	208.69	TT1046	TT1076
225	341.86	324.77	313.03	TT1047	TT1077
300	455.82	433.03	417.37	TT1048	TT1078
500	759.69	721.71	695.62	TT1049	TT1079
750	1139.54	1082.56	1043.43	TT1050	TT1080