



Pictures of the products are symbolic.

**Quotation no.: QT21GBR82221**

**Project: Eco Electric Ltd / Primus16T robot quote.**

Date: 25. Jun. 2021

Company: **Eco Electric Ltd. - Mr. Ben Kibel**

Unit 3D Betton Way, Moretonhampsted, , Great Britain

Sales Rep.: **Adrian Walters / Sales Manager**

Tel: Mobile: +44 7803 242003

Mail: [adrian.walters@wittmann-group.co.uk](mailto:adrian.walters@wittmann-group.co.uk)

**Quotation number / Date / Valid until**

QT21GBR82221 / 25. Jun. 2021 / 25. Jul. 2021

Dear Mr. Kibel,

Thank you for the opportunity to submit our quotation for Wittmann Battenfeld equipment. We hope you find our offer competitive and of interest, and should you have any queries, please do not hesitate to contact us.

Our 1 Stop Shop philosophy ensures all our customers receive the most advanced technological, competitive and energy efficient solution available. We manufacture all of our own machinery and equipment which ensures savings on costs and also ensures highly repeatable highest quality.

Our UK service department, fully support all our customers in the field, and 24/7 access to our expert web service center, is available on all new IMM, free of charge during the warranty period.

Industry 4.0 connection of our ancillary equipment is available on all our moulding machine ranges, and also puts your production at the cutting edge of the plastics processing industry.

With the introduction of our own MES system, TEMI+, which can be fitted to any IMM, regardless of manufacturer, Wittmann Group truly is at the forefront of the Injection Moulding industry.

We very much look forward to hearing from you.

**Quotation number / Date / Valid until**

QT21GBR82221 / 25. Jun. 2021 / 25. Jul. 2021

Item no.	Amount	Name	EUR
	1 pc(s)	<p><b>PRIMUS16T/Z:2000/Y:1000/X:590</b></p> <p>Z-axis: Horizontal stroke: 2000 mm Guiding system: Linear ball-bearing Drive: Synchronous servo motor Actuation via: Tooth belt</p> <p>Y-axis: Vertical stroke: 1000 mm Telescopic Y-axis Guiding system: Linear ball-bearing Drive: Synchronous servo motor Actuation via: Tooth belt</p> <p>X-axis: Kick stroke: 590 mm X-Axis Reach 790 mm X-Axis fixed mounted Guiding system: Linear ball-bearing Drive: Synchronous servo motor Actuation via: Tooth rack</p> <p>General: Payload: part+gripper Standard payload 5 kg Payload acc. configuration 5,00 kg Air supply: Pressure: 4-8 bar Connection: 3/8 Zoll Air Consumption: 10 L(5bar)/cycle Power supply: Net: 380V-400V 50HZ-60HZ 3PH/N/PE - Cekon CEE 16A [ EU ] Current: 6,8 A Power consumption: 1,7 kVA</p> <p>General technical data Voltage: standard Painting: Standard - RAL7047 / RAL9005 / Logo RAL Text on screen: English Manual: English Removal side: Ejection side Part placement side: Rear side IMM: Arburg 570E Part/cavities: 1 or 2 Cycle time: not defined</p>	14,360.00
R01B0010	1 pc(s)	<p><b>Control:</b></p> <ul style="list-style-type: none"> <li>• WITTMANN CNC8 with Sub-Pendant (Teachbox not included)</li> <li>• Main Control Cabinet on Robot Z-Beam</li> </ul>	incl.
R01B0070	1 pc(s)	<p><b>Control box - V</b></p> <ul style="list-style-type: none"> <li>- Control box in vertical position</li> <li>- access for service work from the back</li> </ul>	incl.

**Quotation number / Date / Valid until**

QT21GBR82221 / 25. Jun. 2021 / 25. Jul. 2021

Item no.	Amount	Name	EUR
R01B0105	1 pc(s)	<b>Main Power Cable 6m</b>	incl.
R01B0206	1 pc(s)	<b>TeachBox Cable 6m</b>	incl.
R01B0306	1 pc(s)	<b>Interface Cable 6m</b>	incl.
R01B0410	1 pc(s)	<b>Safety Package Cable 10m</b>	incl.
R01B0700	1 pc(s)	<b>USB Flash Drive</b> with System Software additional space to backup Teach Programs	incl.
R01B0701	1 pc(s)	<b>Manual on USB Flash Drive</b> System files, Operating Instructions, Electrical Diagrams and Part Lists	incl.
R01B0800	1 pc(s)	<b>TeachBox R8 Touch</b> <ul style="list-style-type: none"> <li>• TeachBox with 8.4" TFT Colour touch screen</li> <li>• Free programming of every robot operation</li> <li>• Integrated Maintenance Reminders by Travel Distance</li> <li>• 32 Programmable Autoswitches</li> <li>• Highly Configurable Password System</li> <li>• On Screen Help System</li> <li>• Troubleshooting features include emailing of "System Report" to Wittmann for complete analyses by Service and Engineering teams</li> </ul>	incl.
R01B0805	1 pc(s)	<b>Software R8.3 PRIMUS</b>	incl.
R01B1001	1 pc(s)	<b>Wittmann Standard Drive System</b> for Motor, Gearbox and Servo Drive Inverter	incl.
R01B1050	1 pc(s)	<b>Absolute Encoders for the Main Linear Axis</b>	incl.
R01B2010	1 pc(s)	<b>C-Axis 0°-90° pneumatic</b> <ul style="list-style-type: none"> <li>• Drive: pneumatic cylinder with adjustable mechanical stop</li> <li>• Transmission: rack and pinion</li> <li>• Torque: max. 15Nm</li> <li>• Weight: 0.75kg</li> </ul>	incl.
R01G1010	2 pc(s)	<b>Vacuum circuit - Venturi with valve</b> and analog vacuum control. For the control of vacuum gripper	940.00
R01G2010	2 pc(s)	<b>Valve 5/2 monostable</b> For the control of pneumatic gripper cylinder	480.00
R01G3110	1 pc(s)	<b>Gripper Connector 25 pin D-SUB</b> for 8 Inputs each with +/-24V power connections	incl.



**Quotation number / Date / Valid until**

QT21GBR82221 / 25. Jun. 2021 / 25. Jul. 2021

<b>Item no.</b>	<b>Amount</b>	<b>Name</b>	<b>EUR</b>
R01S1102	1 pc(s)	<b>8I/8O extension in control cabinet</b> wired to 1 x HAN 64D <ul style="list-style-type: none"><li>Cable length: 10m</li></ul>	710.00
R01S2012	1 pc(s)	<b>Stepping of Conveyor - Power switch</b> <ul style="list-style-type: none"><li>with Overcurrent Protection</li><li>(RCD) integrated into the control box of the robot</li><li>Connecting cable 10m wired to CEKON Connector</li></ul>	380.00
R01S3010	1 pc(s)	<b>Electrical Interface E67 (without options)</b>	incl.
R01S4110	1 pc(s)	<b>Safety Package ROBOT</b> Terminal box with safety board	350.00
R01S4131	1 pc(s)	<b>EXTERNAL-S Safety Package</b> Consisting of the switches and the signal lamp for one safety door. All components are designed to easily connect them with the Robot Safety Package.	860.00
R01Z1326	1 pc(s)	<b>Adapter height 600mm</b> Item number - R8S0000754 Color RAL 7047 Hole pattern = Euromap18 - E10+E11+E12+E13	1,070.00
<b>Sum PRIMUS16T/Z:2000/Y:1000/X:590</b>			<b>19,150.00</b>
1		<b>5000mm x 500mm x 1200mm conveyor with 2 end fence panels.</b> 1 fence panel with 720mm pedestrian door and safety interlock the other with safety tunnel for 500mm wide conveyor.	5,600.00
1		<b>Transport, packaging &amp; customs clearance</b>	2,200.00
3		<b>Installation of robot with additional 1 days on-site training.</b>	incl.
<b>Sales price net (EUR):</b>			<b>26,950.00</b>
<b>Final price net (EUR):</b>			<b>25,000.00</b>

**Quotation number / Date / Valid until**

QT21GBR82221 / 25. Jun. 2021 / 25. Jul. 2021

Of course our products are produced in compliance with the EU rules.

**Price Setting:**

Prices quoted are in Euros, a fixed price Sterling can be offered subject to the exchange rate applicable at the time the order is placed but agreed prior to order placement with WIUK office. Offer valid for 30 days from date stated.  
Prices may be subject to Tariffs & Duty as charged on imported goods.

Prices Exclude VAT.

Delivery offloading and commissioning costs are included on all IMM, during normal weekday working hours (Mon-Fri 8am -5pm) unless otherwise stated, for the timeframe quoted. Any additional days required, over and above this, will be chargeable at our standard daily rate. All other equipment offloading is the responsibility and risk of the customer. Hydraulic Oil, filling and filtering is included, to ensure that the hydraulic oil is filtered to the required filtration standard, according to the machinery specification. If a customer wishes to fill the oil themselves, then an analysis sample will be taken for our records, and if found not to be to the required standard, all warranty claims on the hydraulic system and its parts, will become chargeable.

It is Essential moulding machines are filled with HLP 32 zinc free oil. Hydraulic system will not operate below 5 degrees Celsius.

Failure to adhere to instructions will result in warranty becoming null and void.

Customer is responsible for all service supplies as required and ensuring floor is level or supplying level plates as required.

All Tempering Equipment from Wittmann-Group, do not include hoses. These can be quoted separately if required.

Unless otherwise stated in the above quotation, Robot mounting, assembly and fixing of guarding and conveyors is Customers responsibility Robot startup consists of checking Robot functions Only. Additional work available at our standard service rates

Title of goods only transfers when full payment received.

Full terms and conditions apply, see following pages.

E&OE

All Wittmann Battenfeld supplied guards for robot cells will meet Health & Safety Standards EN ISO 13857 and come with an EC Declaration of Conformity.

Any customer supplied guarding must meet EN ISO 13857 and it is then the customers total responsibility to complete the EC Declaration of Conformity.

**Quotation number / Date / Valid until**

QT21GBR82221 / 25. Jun. 2021 / 25. Jul. 2021

**Delivery Date:** Currently Approx. 18-20 weeks To be clarified at time of order placement and subject to receipt of all relevant information

Orders are NOT placed until we are in receipt of all relevant information.

Despite the COVID-19 pandemic, we will exhaust all efforts to deliver at the specified date under the current conditions. In view of the difficult predictability of further developments and effects of the COVID-19 pandemic, our order confirmation is expressly subject to a case of force majeure.

In cases of force majeure, we are released from our delivery and service obligation for the duration and to the extent of the effect of force majeure, without any liability and obligation to recourse under contract or law. Force majeure is in particular any malfunction that is not our fault, official company closure or malfunction in the supply chain or in the transport route due to and in connection with the corona pandemic. We will of course notify you of the occurrence and elimination of force majeure, provided that and as soon as we become aware of it, and make every effort to rectify the respective disruption and limit its effects as much as possible.

**Payment:** 30% with Written Order  
70% on delivery  
(all payments no later than 30 days net)

**Warranty:** IMM 24 months parts and labour  
Robot 12 months parts and labour  
Ancillaries 12 months parts only

**Conditions of contract:** Our attached General Terms of Sales and Delivery apply.

Kind Regards

Adrian Walters.

Area Sales Manager.  
South England & South Wales.



Mobile:- +44(0)7803 242003  
Tel:- +44(0)1933 275777  
<mailto:adrian.walters@wittmann-group.co.uk>  
<http://www.wittmann-group.co.uk/>

Registered office: -  
Sanders Road, Finedon Road Ind Est.  
Wellingborough, Northants.NN8 4NL.  
Company Reg No:- 630797

**Quotation number / Date / Valid until**

QT21GBR82221 / 25. Jun. 2021 / 25. Jul. 2021

**General Terms of Sales and Delivery**

All goods are supplied subject to the general conditions of sale set out below. Any modifications must be explicitly agreed by the contracting parties and confirmed in writing. Consequently, any contradictory terms of the purchaser are herewith denied all recognition, and shall not be considered binding, even if we do not explicitly disavow them on conclusion of the contract. Nor can receipt of our order confirmation be construed as recognition of such contradictory terms. Our General Conditions of Sale shall be deemed accepted latest upon receipt of our goods.

Our General Conditions of Sale are applicable to all subsequent orders of spare parts and similar items supplied by us in connection with machinery originally supplied by us, even if no separate documentation is created.

**1. Offers and Sales contracts**

Offers submitted are subject to variation in any particular. Orders shall be deemed accepted only upon our written Confirmation of Order. Where our Confirmation of Order contains any amplification, limitations or other amendments of the original order, the agreement of the purchaser shall be assumed, unless he objects in writing not later than 14 days from receipt of the order confirmation.

Business negotiated by representatives or agents, as well as any agreements or supplementary understandings concluded by word of mouth or telephone, shall only be considered binding upon our written confirmation unless such information was given in good faith only.

The purchaser shall accept full responsibility for all data, documents, drawings, gauges, samples, models or the like furnished by him. He shall also be liable for any infringement of third-party rights in the use of such data or materials, and shall indemnify us against all claims arising therefrom.

**2. Patent indemnity**

Under no circumstances will the company indemnify the purchaser or any third party with regard to patent infringements. No employee can commit the company in this respect. In the case of possible patent compliance only the Managing Director is empowered to give patent assurances and these will only be valid when confirmed by him on behalf of the company in writing.

**3. Scope of Delivery Obligations**

Details and scope of the supply contract shall be governed by the terms of our written Confirmation of Order.

All data on weights, dimensions, capacities and the like listed in our catalogues, leaflets, publicity, illustrations, drawings, etc. shall be considered approximate only and no specific performance capabilities are guaranteed. We reserve the right to make modifications and alterations. The same reservation applies to weights and dimensions of shipments.

**4. Prices and Payment Terms**

Unless otherwise stated, all prices are quoted in £ Sterling ex-works, including loading of goods. Prices are calculated on the basis of costs current at the time of our order confirmation. In case of any change in these costs prior to the date of goods becoming ready for despatch, we shall be entitled to alter prices accordingly.

Packing is charged at cost and is non-returnable.

Where bills of exchange or cheques are accepted, they shall not be considered evidence of payment until the equivalent cash value has been received.

Advance payments made by the purchaser will be forfeited in the event of cancellation or frustration of the contract. Such forfeiture does not entitle the purchaser to withdraw from the contract if costs exceed the amount forfeited, unless agreed by the company.

Where payments due are deferred with Our agreement or made after the due date, we shall be entitled to charge interest on the period of delay at the rate of 2 percent per month or part thereof above the UK base rate of Barclays Bank PLC.

All payments, including those for which bills of exchange have been accepted, become due immediately, if

- (a) The purchaser fails to comply punctually with our terms of payment or
- (b) after conclusion of the contract, we become aware of circumstances which in our opinion cast doubt on the credit standing of the purchaser or
- (c) There occurs **any** act or proceeding in which the Purchaser's solvency is involved, and in particular if any distress or execution be levied upon the purchaser's property or assets, or if the purchaser shall make or offer to make any arrangement or composition with creditors, or commit any act of bankruptcy, or if any petition or receiving order in bankruptcy shall be presented against him, or if the purchaser is a limited company and any resolution or petition to wind up such a company's business (other than for the purpose or reconstruction or amalgamation) shall be passed or presented, or if a receiver of such company's undertaking, property or assets or any part thereof shall be appointed.

In any of the situations set out in sub-paragraphs (a), (b) and (c) above, we shall have the right forthwith to determine any contract then subsisting and upon written notice of such determination being posted to the Purchaser's last known address any subsisting contracts shall be deemed to have been determined without prejudice to any claim or right the seller may otherwise have or exercise.

Purchasers shall not be entitled to withhold any payment or make any deductions in respect of possible counterclaims.

**Page 1/3**

**Quotation number / Date / Valid until**

QT21GBR82221 / 25. Jun. 2021 / 25. Jul. 2021

**5. Delivery Terms**

The delivery period shall commence with the date of our order confirmation, provided all the documents and data to be supplied by the purchaser and any initial instalment to be paid by him have been received, and provided full agreement has been reached on all technical and other questions relating to the production of the goods. Where these conditions are fulfilled only at a later date, the delivery period shall commence on that later date.

Unless otherwise agreed, delivery terms quoted shall be deemed approximate and while the company will use its best endeavours to fulfil deliveries upon the terms and conditions herein they will not be held liable for any delay or failure in relation thereto.

Deliveries may be wholly or partially suspended and the time of such suspension added to the original contract in the event of a stoppage, delay, or interruption of work in the establishment of either seller or purchaser during the delivery period as a result of strikes, lockouts, trade disputes, breakdown, accident, act of God, or any cause whatsoever beyond the control of the seller or buyer respectively. Purchasers shall agree to extend the delivery term for a reasonable period even when such stoppage delay or interruption of work occurs after the due date. This clause shall apply irrespective of whether the event or delays occur in our own works or branches or at those of our sub-contractors. In the event of such stoppages, delays or interruptions of work, we shall additionally be entitled to declare ourselves absolved in whole or part from our delivery obligations, where particular circumstances require. Circumstances which seriously hinder or prevent us or our sub-contractors from making delivery shall be considered equivalent to acts of God. The purchaser shall be entitled to demand a declaration from us, whether we shall be able to affect delivery within a reasonable period or wish to withdraw from the contract. If such a declaration is not forthcoming, the purchaser shall be entitled to withdraw from the contract. In case of any withdrawal for these reasons; claims for damages by either party shall be excluded.

In cases of force majeure, we are released from our delivery and service obligation for the duration and to the extent of the effect of force majeure, without any liability and obligation to recourse under contract or law. Force majeure is in particular any malfunction that is not our fault, official company closure or malfunction in the supply chain or in the transport route due to and in connection with the corona pandemic. We will of course notify you of the occurrence and elimination of force majeure, provided that and as soon as we become aware of it, and make every effort to rectify the respective disruption and limit its effects as much as possible.

**6. Transfer of Risks**

For all deliveries — including part deliveries — all risks, including those of confiscation, shall be deemed to transfer to the purchaser upon despatch of the goods "ex-works", even where FOB, C & F or similar shipment terms, or shipment freight paid, have been agreed.

Where shipment is delayed due to causes not attributable to us, the risk transfer shall be deemed to begin from the date goods become ready for despatch, irrespective of the actual location of the goods at that time.

From the date and place of the risk transfer, goods will be insured against damage only at the explicit request in writing of the purchaser and at his expense.

**7. Tooling**

Any Tool, Mould, Jigs or Fixture supplied by the purchaser, or at the purchaser's request, shall at all times be at the risk of the purchaser unless damaged or lost due to the negligence of the company.

**8. Warranty**

Our warranty in respect of goods covers only defects attributable to faulty design or workmanship, subject to proper use and handling of the goods under service conditions prescribed by us. Any defects or damage attributable to negligent handling, unauthorised modifications or alterations, improper mounting of machines by the purchaser or a third party, as well as normal wear are excluded from the warranty. The warranty in respect of faulty materials shall be confined to such defects as should have been detected by expert skill in manufacture.

Compliance with the warranty shall be conditional on the purchaser notifying us immediately in writing of the defect and awaiting our decision.

Our liability under the warranty shall be limited — at our discretion — to the repair or replacement, free of charge, of the defective parts. Replaced parts shall become our property. The warranty on replacement parts is to be co-terminus with that fixed for the original machine.

Unless the defect necessitates a repair on site, the purchaser shall forward the parts complained of to us, carriage paid.

The purchaser shall allow us, free of any charge, the necessary time and opportunity to carry out all the tests and other arrangements deemed necessary and to supply him with the replacement parts or machines. The purchaser shall be liable for all costs arising out of warranty claims found to be unjustified.

Claims going beyond the making-good of actual defects - such as claims for alteration or reduction of terms or prices, indemnification in respect of injury, damage to goods not included in the sales contract, loss of profit or any other consequential loss are expressly excluded.

We shall not be liable to remedy defects under warranty, as long as the purchaser has not complied with his payment obligations.

The warranty is valid for a period of 12 months or a maximum of 4,000 production hours. The warranty for all goods supplied commences for countries in Europe within 10 days

For all other countries within 30 days from the date of transfer of risk

**Quotation number / Date / Valid until**

QT21GBR82221 / 25. Jun. 2021 / 25. Jul. 2021

**9. Title to Goods**

Although the transfer of risk is governed by Clause 6 above, the legal title to all property (including machinery and spare parts) supplied by us shall not pass to the Purchaser until the whole of the purchase price for the particular item or items concerned has been paid. Where the machinery, spare parts, or other property has been delivered to the Purchaser, we may, if we so desire, require the Purchaser to store the machinery or spare parts in such a way that they are clearly our property. This clause applies to all property supplied by us, including spare parts which are in fact fitted to machinery which is the property of the Purchaser. In such a case, and if payment for the relevant spare parts has not been made, we retain the right to require the Purchaser to remove the relevant spare parts and to store them separately or in such other way as will clearly indicate that they remain our property as we think fit. All machinery and parts (whether fitted or not) are held by the Purchaser as Bailee for us until payment in full has been made.

This clause also applies to all goods consigned to destinations abroad. Where the legislation of the country of destination does not permit a claim to the title to goods in the form indicated, but permits the supplier to secure his title in other and comparable ways, such rights shall be deemed to have been agreed upon and conferred on us, and we shall be entitled to invoke them at any time.

The purchaser will undertake to support us actively in our efforts to safeguard our title to the goods within the protection afforded by local legislation. He shall not pledge the goods nor assign them as security in any way nor sell them to a third party with good title unless we have been paid in full. In case of attachment, confiscation or any other seizure by third parties, he shall immediately notify us and forward to us copies of the relative documents:

Exercise of our title to goods or attachment of the goods in any way, shall not constitute our withdrawal from the contract.

In special cases, we reserve the right to conclude additional agreements with the purchaser in respect of title to goods or similar rights.

**10. Health and Safety**

The purchaser undertakes to ensure that they will, prior to the goods being brought into use, take all necessary steps and carry out any further testing which may be necessary to ensure that the goods will be safe and comply with current best practice Procedures for Health and Safety.

**11. Unauthorised Transfer**

The purchaser shall undertake not to consign or allow third parties to consign the goods to any other country from that stipulated in the sales contract without our prior agreement. The purchaser shall solely be responsible for obtaining all consents and permission required by a particular Country or State and shall indemnify us against all claims however arising in relation thereto.

Should the purchaser infringe this clause, he shall be liable for any damage caused to us or third parties by his unauthorised action and the warranty will be invalidated.

**12. Place of Compliance and Jurisdiction**

Place of compliance and jurisdiction for both parties to the contract, including any proceedings relating to bills of exchange or cheques, shall be the courts holding jurisdiction at our main place of business. We reserve the right, notwithstanding, to file suit with any other appropriate judicial authority, including that holding jurisdiction over the purchaser's main place of business. These conditions shall equally apply to persons jointly or in any other way liable for or with the purchaser

**13. Applicable Legal Code**

The contractual relations between the parties to the contract shall be subject to English Law, unless we agree in individual cases to submit to the laws of any other appropriate judicial authority.

**14. E. &O.E.**

The company will not be bound by any clerical or arithmetical errors or omissions which may occur in any quotation, acknowledgement of order, invoice, and statement of account or other documentation which the company may issue.