

**Fife-Tidland GmbH**65779 Kelkheim Max-Planck-Straße 8  
48683 Ahaus Siemensstraße 13 - 15Tel.: +49 6195 7002 - 0 http://www.maxcess.eu  
Fax: +49 6195 7002 - 933 email: info@maxcess.euFife-Tidland GmbH Postfach1240 D 65762 KelkheimOlayan Kimberly Clark  
Mr. Khurram Chishti Saeed  
Street 5135, Building 1051  
Block 951 Askar  
BAHRAINDate: **02.05.2013**  
Contact: **Robert Salbert**  
Phone: **+49 6195 7002-139**  
Fax: **+49 6195 7002-639**  
Email: **robert.salbert@maxcess.eu**Field Sales: **XOL Automation SAL**  
Phone: **+961 3 703444**  
Fax: **+961 1 891 889**  
Email: **ghage@xolautomation.com****QUOTATION**Please always quote:  
Quotation: **11127773** Rev: **0**  
Customer: **338114**  
Page: **1 of 7**Inquiry No: **Full automatic Slit positioning – MSP-E**  
Inquiry Date: **02.05.2013**

Mr. Khurram Chishti Saeed

We thank you for your inquiry and have the pleasure in submitting our quotation based on our General Conditions of Sales (available for download on our website [www.maxcess.eu/agb.html](http://www.maxcess.eu/agb.html) or upon request) as follows.

Item	Quantity	Unit	Description	Unit Price	Total Price
1,0	1	Pcs	<b>M000007</b> * MSP-E System <b><u>TIDLAND Slitting Solution:</u></b>	207.500,00 EUR	207.500,00 EUR
			<b>automatic System</b> <b>synchronous MSP-E-PS3</b>		
			<u>to be used under following technical Parameter:</u>		
			<u>Material data:</u>		
			Material:	Tissue	
			Specific weight/thickness:	13,5-40 g/m <sup>2</sup>	
			Amb. Temperature:	? °C	
			<u>Process data/machine data:</u>		
			Machine size		
			Inside frame width [given]:	~2500 mm	
			Inside frame width [required]:	3000 mm incl. parking space	
			Web width [min./max.]		
			raw:	2990-2310 mm	
			trimmed:	2300 mm	
			Slit width		
			max:	2300 mm	
			min:	160 mm	
			Line speed :		
			max:	1750 m/min	
			min:	500 m/min	
			Slitting method:	shear cut [tangential]	
			Web path:	A / B	
			No. of slits:	11	
			Positioning:	synchronous automatic – WebIN	
			Knifeholder type:	PSA	
			Knifeholder size:	class 3	

???



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Page: **2 of 7**

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Our knifeholder selection is based on your specification.  
Final judgement of the slit quality can only be given after testing the original material to be provided by the customer.

**TIDLAND automatic Slitting Solution consist of:**

\* a fully automatic slit positioning system.  
The top and bottom knives will be **independently and synchronous** positioned by special positioning actuator units on each slitting carriage.

**1x Pair of Mounting Frame:**

The Tidland side frame are specially designed for the requirements of the slitting solution. Within the side frame the mounting of the knifeholder beam and the bottom knife beam will be realised as well as other required components [e.g. cable management, knife carriages, etc...]. The mounting frames are designed to be mounted into the main machine frame.

Frame:

Size: ???x??? mm  
Colour: RAL ??? ???

**2x Knifeholder beam for linear rail:**

The Tidland Knifeholder beam is suitable for mounting the special linear rails required for precise automatic positioning onto on which the knifeholder carriages will be automatically positioned by the positioning actuator. Required automatic positioning components as cable management and positioning actuator are mounted onto the beam as well.

1x Beam for top knife unit incl. rail:

Length: ~3000 mm  
Colour: RAL ??? ???  
Linear rail [knife carriage]: 2950 mm

1x Beam for bottom knife unit incl. rail:

Length: ~3000 mm  
Colour: RAL ??? ???  
Linear rail [knife carriage]: 2950 mm

**TIDLAND top knife section:**

The Tidland top knife section consisting of the top knives, knife holder, knifeholder carriage and top knife positioning units.

**11x Top knife carriages for automatic positioning:**

The Tidland carriage assembly includes the knifeholder units, a pneumatic operated negative brake assembly and all further required components as pneumatic/ electric connections, linear rail bearings and linking features thru cable management.

The Tidland knifeholder carriages will be positioned by individual positioning actuator unit. These positioning ensures a safe and precise positioning of each top knife unit.

TIDLAND Knifeholder for shear cut

The patented Tidland 'Performance' knife holder include an unique three stage function control (only automatic version), **automatic** half stroke feature for easy and fast manual positioning against bottom knife. As well as a quick change cant angle key, removable / reversible swing blade cartridge, dust-proof design and modular knife holder mount. Combined, these features take the burden off the operator, reduce downtime and setup, and can increase safety and slit quality.

**PSA3(0.50)S-?L/R-M**

Knifeholder type: A Automatic  
Knife diameter: 3 class 3 = 200 mm  
Cant key: 0.50  
Cartridge: S S = Swing  
360° pneumatic guard is optional available  
Web path: A / B ???



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Page: **3 of 7**

Item	Quantity	Unit	Description	Unit Price	Total Price
			Slitting side:	L / R L/R = left / right beside bottom blade	
			Blade material:	Std X155 CrVMo 121 (Standard)	
			Blade profile:	25° standard grind angle	
			Other special blade types are available on request.		
			Use minimum 5µm filtered, oil and water free, regulated air.		
			Please find within the technical documentation further data and specifications.		

**TIDLAND Bottom knife section:**

The Tidland bottom knife assembly is consisting of the bottom knife carriage, bottom knife drive and bottom knife positioning units.

**11x Bottom knife carriages for automatic positioning:**

The Tidland carriage assembly includes the knifeholder units, a pneumatic operated negative brake assembly and all further required components as pneumatic/ electric connections, linear rail bearings and linking features thru cable management.

The Tidland knifeholder carriages will be positioned by individual positioning actuator unit. These positioning ensures a safe and precise positioning of each top knife unit.

The Tidland carriage assembly includes the bottom knife rings, a pneumatic operated negative brake assembly and all further required components as pneumatic/ electric connections, linear rail bearings and linking features thru cable management.

The Tidland bottom knife carriages will be positioned by individual positioning actuator unit. These positioning ensures a safe and precise positioning of each bottom knife unit.

TIDLAND bottom knife unit - "Single Drive"

The bottom knife unit single is designed for minimum slit width of 150mm.

The bottom rings are each driven by its own AC-motors

Bottom knife

Knife ring diameter: 250 mm  
Blade material: X155 CrVMo12-1

Bottom knife motor

External rotary motor: 400V 50Hz  
Power: 0,23 kW; 0,56A

**2x TIDLAND Cable management system:**

The Tidland cable management system is designed of pneumatic hoses for the knifeholders and the carriage brakes, as well as the electrical cables for the actuator units. All pneumatic and electric cables are guided in flexible plastic chains which allows the carriages

- a) an unrestricted movement on the linear rails and
- b) a longer life span of the supply lines.

The plastic chains are between cover plates to prevent mechanical damaging.

Electronic Cabinet:

In order to adjust the speed of the anvil drives, the frequency and the voltage of the motor power is controlled by an AC-Drive Cabinet. As well as to control the servo motor to move the knife positioning carriage to the desired position. The cabinet is homing the Thouchpanel HMI.

Speed input signal:	0-10V / 4-20mA	???
Power supply:	3 Phase 400V/50Hz	
Cable length:	~15 m	
Cabinet colour:	RAL ????	???
Cabinet dimensions (l,w,d)	???? x ????	mm

Pneumatic Cabinet:

Pneumatic cabinet to control the knifeholder, brake and positioning unit.

Hose length:	~10 m	
Cabinet colour:	RAL ????	???
Cabinet dimensions (l,w,d)	???? x ????	mm

**2x Idler Roll**

Tidland idler roll for assisting the web before and after the cutting section.

The idler rolls are intent to create a proper slitting table necessary for a tangential slitting method.



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Page: **4 of 7**

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Idler Rolls:

Material:	Aluminium
Type:	standard
Surface:	hard coated
Outer diameter ø:	~150 mm
Working width:	2400 mm
Total length:	~3000 mm
Balancing at (Q = 6,3):	1750 m/min
Position:	Entry & Exit

**1x TIDLAND Operator Interface incl. special TIDLAND Software**

Touchpanel with special Tidland MSP-E software for an easy and fast handling of the automatic positioning system. The operator can easily monitor which knives are active, which exceed the pre-defined life time or which are locked for operation or further technical/operational data. Due to the clear arrangement of the user interface a fast and easy handling is given from the first contact onto. Using the special Windows based Touchpanel operating system study time for a safe handling is kept as low as possible. There are also a lot of useful and easy to use features beyond this. The Touchpanel is integrated in the electric cabinet.

**Disclaimer:**

Our knife holder selection is based on your specification. Final judgement of the slit quality can only be given after testing the original material provided by the customer.

The delivery time is valid after receipt of the order and after all engineering specifications have been clarified. In case of order customer will receive a confirmation drawing which need to be agreed by customer before production starts. It is based on today and could be changing if the order or the contents of the order is changing.

All parts not named are not included in this offer. Such as: On-site measurement, winder modification, site preparation, plant wiring or pneumatics up to installation point, trim removal system, installation support or installation labour, drive reference signal, optical alignment.

**DELIVERY TIME: 16 Week(s)**

1,5	1	Pcs	<b>M200569</b> * Assembly Instructions / Operator Manual and Declaration of Incorporation according to the machinery directive 2006/42/EC in english language with the delivery	0,00 EUR	0,00 EUR
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**DELIVERY TIME: 16 Week(s)**

1,6	1	Pcs	<b>M211482</b> * Assembly Instructions / Operator Manual and Declaration of Incorporation according to the machinery directive 2006/42/EC in <b>german + english language</b> on CD with the delivery	0,00 EUR	0,00 EUR
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**DELIVERY TIME: 16 Week(s)**

2,0	11	Pcs	<b>M000006</b> * Optional Parts 360° pneumatic blade guard	152,50 EUR	1.677,50 EUR
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 Page: **5 of 7**

Item	Quantity	Unit	Description	Unit Price	Total Price
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**360° pneumatic blade protection:**  
 Due to a safe handling of the knife holder Tidland offers a special  
 360° pneumatic blade protection.

qualified for knifeholder type: Performance Automatic class 3

Price offered is only valid if ordered together with knifeholder from pos.1.0

**DELIVERY TIME: 4 Week(s)**

3,0	1	Pcs	<b>M100760</b>	3.782,00 EUR	3.782,00 EUR
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\*  
 Pre-Service for Measurement  
 on Site

Service visit Pre-Service

Review and verification of construction and engineering works done so far  
 with respect to local conditions and aims of the contract

System according to reference number: 11127773

Planned date for service visit: ?? / ?? / 2013

On Site Customer: Kimberly Clark / Askar / Kingdom of Bharain

We kindly request any variation of the planned service date to be informed immediately  
 to Fife-Tidland, in order allow for a prompt rescheduling of the Service Engineer  
 involved.

**Work & Waiting times**

Duration of service included in the price agreed:

- Service Engineers involved: 1
- Working time 8,0 hours

List of planned service activities on site:

- Measurement on site included
- Consultancy for best system integration included

**Travel time and cost**

Duration of service travel time and cost included in the price agreed:

- Travel cost:
  - Travelling from/to Airport included
  - Flight by customer
  - Local transportation by customer
- Accomodation cost:
  - Hotel costs included
  - Meals / Daily allowance included

All working/waiting time exceeding the agreed time frame will be invoiced at the current  
 Fife-Tidland service rates (copy of the rates attached).

NOTE - Normal working time are considered 8 hours between 7:00 - 18:00 on normal working  
 days (Mon-Fri, festivities excluded).

For additional hours and work on weekends and public holidays additional charges are applied.

Alternatively all costs could be charged according to Fife-Tidland service rates and spend  
 expenses (Hotel, flight, work & waiting time, ...)

**Upon placement of the order, the principal undertakes, in terms of Work Safety  
 Regulations, to formally alert the Fife-Tidland GmbH employee as to the specific**



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Page: **6 of 7**

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			<b>hazards of the work area in which he will work and keep a record of when this instruction took place.</b>		

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**DELIVERY TIME: 4 Week(s)**

**FOR CONDITIONS TECHNICAL SERVICES RENDERED FROM FIFE -TIDLAND GmbH,**  
**01.01.2013 EURO**

**For Start up, repair, and training at customers or for other requested technical assistance (Slitting)**

**Working time:**

Normal hours from Monday to Friday max. 8 hours from:	7:00	to	17:00 hrs
	per hour		<b>90,50 €</b>
Overtime hours from Monday to Friday from:	17:00	to	22:00 hrs
	per hour		<b>135,75 €</b>
Overtime hours from Monday to Friday from:	22:00	to	7:00 hrs
	per hour		<b>181,00 €</b>
Working hours on Saturday from:	7:00	to	21:00 hrs
	per hour		<b>135,75 €</b>
Overtime hours on Saturday from	21:00	to	7:00 hrs
	per hour		<b>181,00 €</b>
Working hours Sunday and holidays	0:00	to	24:00 hrs
	per hour		<b>181,00 €</b>

All Waiting time will be charged as working time.

**Travel time:**

Normal travel time from Monday to Friday max. 8 hours from:	7:00	to	17:00 hrs
	per hour		<b>83,00 €</b>
Travel time from Monday to Friday from:	17:00	to	22:00 hrs
	per hour		<b>124,50 €</b>
Travel time from Monday to Friday from:	22:00	to	7:00 hrs
	per hour		<b>166,00 €</b>
Travel time on Saturday from:	7:00	to	21:00 hrs
	per hour		<b>124,50 €</b>
Travel time on Saturday from	21:00	to	7:00 hrs
	per hour		<b>166,00 €</b>
Travel time on Sunday and holidays	0:00	to	24:00 hrs
	per hour		<b>166,00 €</b>

**Travel expenses:**

Travel by car:	per km	<b>0,85 €</b>
Daily rate in Germany, less than 8 hour service:	per service	<b>30,00 €</b>
Daily rate in Germany, for several days visit and more than 8 hours:		
	per day	<b>44,00 €</b>
Daily rate in EU countries and Switzerland:	per day	<b>53,00 €</b>
Daily rate outside EU countries:	per day	<b>77,00 €</b>

All Other costs will be charged according to actual cost, for example hotel, flight + excess baggage, taxi, rent a car, visa and public transport.

All charges are net, no deduction allowed.  
VAT charges are shown separately.

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Page: **7 of 7**

Item	Quantity	Unit	Description	Unit Price	Total Price	
<b>Total Net Value:</b>			<b>Amount of surcharge:</b>		<b>Amount excl. VAT:</b>	
	212.959,50	EUR	0,00	EUR	212.959,50	EUR

Terms of Delivery: Ex-Works excluding packaging  
Shipment by: Best way  
Terms of Payment: payment in advance**Payment plan**

<u>Item</u>	<u>Amount</u>	<u>Term of payment</u>	
0	31.943,93 EUR	15%	at order
1	85.183,80 EUR	40%	at agreement of confirmation drawing
2	63.887,85 EUR	30%	before delivery
3	31.943,92 EUR	15%	30 day net after installation max. 60 day net after delivery

**Shown prices are valid for 90 days from offer date**Yours faithfully  
Fife-Tidland GmbH

Robert Salbert

**Electronically issued – Valid without signature.**

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