

Used Wafer Metallizer/PVD Sputter Tool **VON ARDENNE WM 70 H/C** *new 2008, with electron beam technology*

For Sale by Tender:

- *Complete System*
- *Complete Sputter/Electron Beam Chambers*
- *Individual Components*

Sale ex Germany - dismantled and loaded onto truck!

More Information: www.auctions.maynards.com



Offers accepted until Feb. 24th 2017!

Contact: Daniel Kröger

Email: danielk@maynards.com

Phone: +49 8151 99 89 730

ABOUT THE SALE

General Sale Information:

In conjunction with Lagerwerk GmbH, we hereby sell by Tender a complete Von Ardenne WM 70 H/C Wafer Metallizer/PVD Sputter Tool. Interested parties can either make an offer for;

- A) the entire system
- B) the complete Electron Beam or the Sputter chambers
- C) individual components such as Turbo Pumps, Compressors, Vacuum Pumps etc.

Priority will be given to offers on the entire system or on the complete Electron Beam or the Sputter Chamber.

Detailed pictures and descriptions can be found on www.auctions.maynards.com. Onsite inspections can be arranged by prior appointment.

Whereas we sell the entire system "as is where is" and buyers must arrange dismantling and removal on their own account, individual components shall be sold including dismantling and loading. There will not be any extra charge to the buyers.

Please note that this Wafer Metallizer/PVD Sputter Tool has never been in production. It has performed a factory acceptance test and was in operation for 5 weeks only. All components are therefore in an excellent condition.

We expect your best offers **no later than 24 February 2017** end of business. To make a binding offer please use the Offer to Purchase document which is part of this document.

Removal deadline is 31. March 2017.

ABOUT THE ASSET

VON ARDENNE WM 70 H/C Used Wafer Metallizer/PVD Sputter Tool

„The model WM70H/C Wafer Metallizer is a complete inline system for coating wafers under vacuum conditions. The WM70H/C Wafer Metallizer is used to coat the backside of silicon wafers with an aluminium layer. The coating is applied through electron beam evaporation. In addition, a solderable layer is applied by means of magnetron sputtering.“



The System is divided into the following sections:

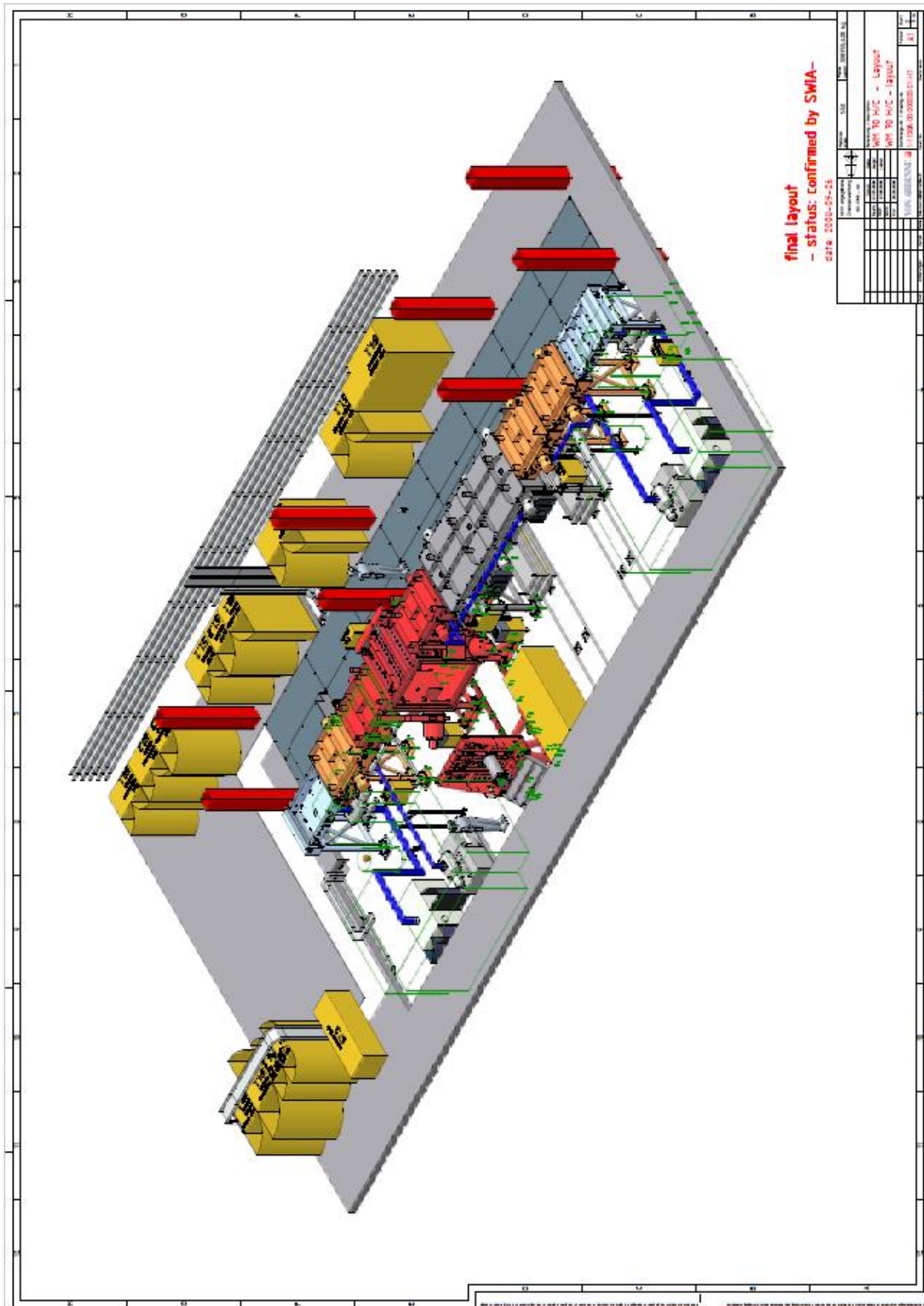
- Lock chambers C1 and C7
- Buffer chambers C2 and C6
- Transfer chamber C5
- Process chamber C4 (EB chamber C3/C4.1/C4.2, sputter chamber, 5 sections C4.3 to C4.7)

The system has a high degree of automation and can therefore be controlled and monitored by one operator from the control station.

- Designed for coating solar cells
- Per tray 35 cells are coated (7 x 5pc; 156x156mm)
- Possible coating surface per tray: 0,90 x 1,4m
- 2008 construction of the coating line in Germany at ‚Von Ardenne Anlagentechnik GmbH‘, Germany,
- Located at the R&D department of Solarworld in Freiberg Germany
- Performed Factory Acceptance Test and has been used for 5 weeks only

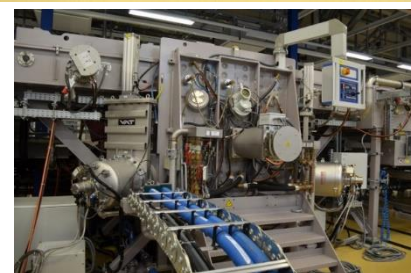
Although all care has been taken to ensure the data contained is based on sources considered reliable, we take no responsibility for the relevance and accuracy of this information.

LAYOUT OF THE METALLIZER WM 70 H/C



Picture Gallery: www.auctions.maynards.com

WATCH THE VIDEO: <https://youtu.be/JLItOlcBac>



All pictures are just for Information and do not express the scope of sale!

OFFER TO PURCHASE

REF. No.: **OTP-20170207130224**

PURCHASER

Company	
Address	
EU VAT-ID	
Represented by	
Position	

*Please Note: **Sale is conducted in EURO**

Lot	Description	Asking Price	My Best Offer*
1.	VON ARDENNE High End Coating Line WM 70 H/C Complete System		
2.	Complete Electron Beam Chamber Electron Beam Chamber C3-C4.2 Dimensions: Length: 5,19 max. Width: 2,58 max. Height: 2,92 m Weight: 15.300 kg (Including Lot: 4,15,16,17,18,19,20,21,22,24,25, 36,37,39,40,50,51,52,53,54,55,56,57)		
3.	Complete Sputter Chambers Load Chamber C1 Sputter Chamber C4.3-4.7 Transfer Chamber C5 Buffer Chamber C6 Unload Chamber C7 (Including Lot: 5,6,23, 26, 27,28,29,30,31, 32,33,34,35,38,41,42,44,45,46,47)		

Subtotal EUR	
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Lot	Description	Asking Price (incl. dismantling, loading)	My Best Offer*
4.	Electron Beam Chamber - without any attachments (Consisting of the metal chamber only)	70.000 €	
5.	Sputter Chamber C 4.3 – 7 - without any attachments (Consisting of the metal chamber only)	40.000 €	
6.	Overhead crane 2t (with remote control, Length: approx. 25m)	25.000 €	
7.	Vacuum Pump WSU 2001 Oerlikon Leybold RUVAC 15096 S/N: 30001135818 YoM: 2008	5.100 €	
8.	Vacuum Pump WSU 2001 Oerlikon Leybold RUVAC 15096 S/N: 30001076882 YoM: 2008	5.100 €	
9.	Vacuum Pump WSU 2001 Oerlikon Leybold RUVAC 15096 S/N: 30001135815 YoM: 2008	5.100	
10.	Vacuum Pump WSU 2001 Oerlikon Leybold RUVAC 15096 YoM: 2008	5.100	
11.	Vacuum Pump SV630 B (F) Oerlikon Leybold SOGEVAC 960867 S/N: 30001117533 7 YoM: 2008	11.200 €	
12.	Vacuum Pump SV630 B (F) Oerlikon Leybold SOGEVAC 960867 S/N: 30001117538 7 YoM: 2008	11.200 €	
13.	Vacuum Pump SV1200 Oerlikon Leybold SOGEVAC 950709900003 S/N: 30001162522 9 YoM: 2008	8.000 €	
14.	Vacuum Pump SV1200 Oerlikon Leybold SOGEVAC 950709900003 YoM: 2008	8.000 €	
		Carry over from page 1	
		Subtotal EUR	

Lot	Description	(Asking Price incl. dismantling, loading)	My Best Offer *
15.	Cryo Pump COOLVAC 10000 CL COOLVAC 10000 CL incl. RGD5/100 YoM: 2008	12.500 €	
16.	Cryo Pump COOLVAC 10000 CL Oerlikon Leybold COOLVAC 10000 CL incl. RGD5/100 cold head YoM: 2008	12.500 €	
17.	Cryo Pump COOLVAC 10000 CL Oerlikon Leybold COOLVAC 10000 CL incl. RGD5/100 cold head YoM: 2008	12.500 €	
18.	Cryo Pump COOLVAC 10000 CL Oerlikon Leybold COOLVAC 10000 CL incl. RGD5/100 YoM: 2008	12.500 €	
19.	Compressor COOLPAK 6000 Adv Leybold 840000V6000 S/N: 30001151251 YoM: 2008	9.500 €	
20.	Compressor COOLPAK 6000 Adv Leybold 840000V6000 S/N: 30001151249 YoM: 2008	9.500 €	
21.	Compressor COOLPAK 6000 Adv Leybold 840000V6000 S/N: 30001151250 YoM: 2008	9.500 €	
22.	Compressor COOLPAK 6000 Adv Leybold 840000V6000 S/N: 30001151248 YoM: 2008	9.500 €	
23.	Turbo Pump T1600 Oerlikon Leybold TURBOVAC Classic T1600 YoM: 2008	5.800 €	
24.	Turbo Pump T1600 Oerlikon Leybold TURBOVAC Classic T1600 YoM: 2008	5.800 €	
		Carry over from page 2	
		Subtotal EUR	

Lot	Description	(Asking Price (incl. dismantling, loading))	My Best Offer*
25.	Turbo Pump T1600 Oerlikon Leybold TURBOVAC Classic T1600 800040V1844 YoM: 2008	5.800 €	
26.	Turbo Pump T1600 Oerlikon Leybold TURBOVAC Classic T1600 YoM: 2008	5.800 €	
27.	Turbo Pump T1600 Oerlikon Leybold TURBOVAC Classic T1600 YoM: 2008	5.800 €	
28.	Turbo Pump T1600 Oerlikon Leybold TURBOVAC Classic T1600 YoM: 2008	5.800 €	
29.	Turbo Pump T1600 Oerlikon Leybold TURBOVAC Classic 800040V1444 T1600 S/N: 30001156263 YoM: 200	5.800 €	
30.	Turbo Pump T1600 Oerlikon Leybold TURBOVAC Classic T1600 YoM: 2008	5.800 €	
31.	Turbo Pump T1600 Oerlikon Leybold TURBOVAC Classic T1600 YoM: 2008	5.800 €	
32.	Turbo Pump T1600 Oerlikon Leybold TURBOVAC Classic T1600 YoM: 2008	5.800 €	
33.	Turbo Pump T1600 Oerlikon Leybold TURBOVAC Classic T1600 YoM: 2008	5.800 €	
34.	Turbo Pump T1600 Oerlikon Leybold TURBOVAC Classic 800040V1444 T1600 S/N: 30001156256 YoM: 2008	5.800 €	
		Carry over from page 3	
		Subtotal EUR	

Lot	Description	Asking Price (incl. dismantling, loading)	My Best Offer*
35.	Turbo Pump T1600 Oerlikon Leybold TURBOVAC Classic 800040V1844 T1600 YoM: 2008	5.800 €	
36.	Turbo Pump T1600 Oerlikon Leybold TURBOVAC Classic 800040V1844 T1600 S/N: 30001162072 YoM: 2008	5.800 €	
37.	Turbo Pump T1600 Oerlikon Leybold TURBOVAC Classic T1600 YoM: 2008	5.800 €	
38.	Turbo Pump T1600 Oerlikon Leybold TURBOVAC Classic T1600 YoM: 2008	5.800 €	
39.	PFC Water Vapor Cryochiller Brooks Automation PFC/PFC 1102 HC S/N: K08806489	11.700 €	
40.	Electron Beam Gun Von Ardenne Anlagentechnik WM 70 50kV 4,5A (225kW) Fabr.-Nr.: 01	65.000 €	
41.	Magnetron Sputter Source Von Ardenne Anlagentechnik RSM1100 L ID: 1199A/6708 YoM: 2008	20.000 €	
42.	Magnetron Sputter Source Von Ardenne Anlagentechnik RSM1100 L ID: 1199A/6608 YoM: 2008	20.000 €	
43.	High Voltage System J. Schneider Elektrotechnik GmbH HS200/50 with 200kW Transformator YoM: 2008	25.000 €	
44.	Transport Carrier Von Ardenne Anlagentechnik SC1100 ID: A0111161 YoM: 2008	2.500 €	
		Carry over from page 4	
		Subtotal EUR	

Lot	Description	Asking Price (incl. dismantling, loading)	My Best Offer*
45.	Electric Transport Carrier Büter Hebetchnik GmbH H 16-15 Capacity: 1600 kg YoM: 2008	5.000 €	
46.	DC Generator Trumpf TruPlasma DC 3020 (1pcs) 1548657 Rev. V01/07 S/N: 200091252 YoM: 2008	5.400 €	
47.	DC Generator Trumpf TruPlasma DC 3020 (1pcs) 1548657 Rev. V01/07 S/N: 200091253 YoM: 2008	5.400 €	
48.	Power Supply DELTA Elektronika Typ: SM120-25 D Option P099 S/N: 10001056	1.550 €	
49.	Power Supply DELTA Elektronika Typ: SM120-25 D	1.550 €	
50.	Current Amplifier Dresden Elektronik Typ: 5020	4.000 €	
51.	Current Amplifier Dresden Elektronik Typ: 5020	4.000 €	
52.	Current Amplifier Oerlikon Leybold vacuum Typ: Turbo.Drive TD20 Classic	1.100 €	
53.	Current Amplifier Oerlikon Leybold vacuum Typ: Turbo.Drive TD20 Classic	1.100 €	
54.	Power Supply Oerlikon Leybold vacuum Typ: Coolvac 400V	1.400 €	
		Carry over from page 5	
		Subtotal EUR	

Carry over from page 6

Lot	Description	Asking Price (incl. dismantling, loading)	My Best Offer*
55.	Power Supply Oerlikon Leybold vacuum Typ: Coolvac 400V	1.400 €	
56.	Power Supply Oerlikon Leybold vacuum Typ: Coolvac 400V	1.400 €	
57.	Power Supply Oerlikon Leybold vacuum Typ: Coolvac 400V	1.400 €	

Subtotal EUR	
+ VAT (19%)	
Total EUR	

IMPORTANT NOTICE: By Bidding you expressly accept the following Terms & Conditions

- Your offer is valid and binding until February 28th 2017
- By placing a bid, you agree to the terms and conditions according to Appendix A of this document
- The purchase price is to be paid within 3 days after receipt of the invoice
- The sale of all items is Ex-Works on an "as is, where is, with all faults and without recourse" basis and any expressed or implied representations, warranties or guarantees are excluded.
- Lot 1-5: Collection ex location. Dismantling, packing and loading at the responsibility and sole expense of the purchaser
- Collection of all assets and clearance of the site has to be finished until March 31th 2017**

 (Signature and Company Stamp)

 (Place, Date)

PLEASE RETURN THE COMPLETE DOCUMENT
 BY EMAIL TO **DANIELK@MAYNARDS.COM** • LATEST **FEBRUARY 14th 2017** END OF BUSINESS DAY

General Terms and Conditions for the Sale of

Surplus assets for our consignor Lagerwerk GmbH
(hereinafter called "consignor")

1. General Business Conditions and Scope of Application

Maynards Europe GmbH (hereinafter called „Maynards“) conducts sales and auctions of mostly used capital assets on its own behalf and on behalf of consignors. Sales are carried out strictly in compliance with Maynards Europe GmbH's General Terms and Conditions of Sales and Auctions, no matter whether these sales are auctions, privately negotiated sales or tender sales.

If a sale is conducted on behalf of a consignor, the general terms and conditions of the consignor may also be effective. Any sales announcement on www.maynards.com as well as any sales contract shall also contain the consignor's terms and conditions. In case any of the provisions stipulated in the consignor's general terms and conditions contravene the General Terms and Conditions of Sales and Auctions of Maynards, the latter shall prevail over the consignor's terms and conditions.

By submitting either oral or written bids (also by electronic means) to Maynards or to one of its consignors, bidders acknowledge that a sale shall be complete only in accordance with the General Terms and Conditions of Sale and Auction of Maynards and the consignor's terms and conditions as set forth in paragraph 2.

2. Exclusion of Private Individuals

Maynards shall sell exclusively to business people (in terms of the business law), companies as well as to public institutions. Private individuals may be present and buy only at public auction sales.

3. Condition of Assets, Warranty and Guarantee

All assets are sold as ‚is where is‘. Neither Maynards nor consignor make any representation, warranty or guarantee as to the fitness for a particular purpose or the condition of the assets. The purchaser cannot assert any warranty, guarantee or damages claims, for whatever legal ground, concerning the purchased assets, an additional item or the replacement of an item, because of any flaw, breach of duty of one of the contractual partners or unlawful acts.

Absolutely no warranty, guarantee or representation, written or oral, is given neither by Maynards, nor by the consignor with respect to any item. All statements contained in Maynards' catalogue, website, marketing material or by the auctioneers as to description, size, quantity, quality, capacity, model, serial number, measurements or condition, are approximated statements and shall not be deemed to be representations or warranties, oral or written, with respect to any item. Following prior consultation with Maynards, the purchaser may thoroughly inspect the condition, age and technical capacity of all items before the sale.

All indicated prices shall not be deemed to be representations or warranties with respect to any quality or market value. All translated statements contained in Maynards' catalogue, website and marketing material are for the sake of convenience only and shall not be deemed to be binding. Maynards shall not be liable and no compensation shall be paid for any translation error.

4. Due Date of Purchase Price, Consequences of Delay

Upon conclusion of a contract the purchaser shall pay the Purchase Price reached in a privately negotiated sale or through a tender sale in a period of two weeks, unless there is a different due date. The price at which an item is knocked down to the purchaser in an auction shall be paid immediately.

The payable price comprises sales/bid price, buyer's premium and possible Value added Tax (VAT). The amount of the premium depends on the sale specific terms and conditions.

In case the purchaser does not partly or completely fulfil his or her contractual obligations, Maynards reserves the right – without prejudice to other possible provisions - to insist on the completion of the contract or to withdraw from the contract after reminder and giving a deadline of two weeks. Maynards reserves the right to resell the assets without notice. Maynards may resell an item in the very same auction - also without notice - or in a subsequent auction. When cancelling the acceptance of a bid, Maynards may subsequently sell the assets to the second-highest bidder.

In such event the purchaser shall be liable to Maynards for any deficiency if the resale is less than the Purchase Price, plus all costs, in particular default interest, and additional charges including reasonable attorney fees and incidental damages suffered by Maynards.

5. Transfer of Ownership and Transfer of Risk

The purchase of any item is at the purchaser's risk with risk of loss immediately passing to the purchaser upon the auctioneer's call or the acceptance of an offer. Purchaser must ensure that the item purchased is ensured from such date onwards. Neither Maynards, nor its consignors, have any liability of any nature whatsoever to the purchaser if the item is damaged by fire, water, storm or if it is not delivered to purchaser due to theft or any other cause. In any of these cases, total liability devolves to the purchaser. No items may become property of the purchaser before payment of the full Purchase Price including buyer's premium and VAT.

6. Delivery, Dismantling and Removal of Assets

No items may be removed before payment of the full price. Removal shall be at the sole risk and liability and at the expense of the purchaser. The purchaser or the purchaser's agent is liable for any damage of property arising from dismantling or removal.

The purchaser shall provide Maynards and its consignor with satisfactory proof of insurance by Certificate of Insurance or otherwise.

The Purchaser undertakes to ensure that the dismantling and removal of the assets purchased shall comply with (i) the instructions made by Maynards, (ii) all applicable Health, Environmental and Safety regulations as well as (iii) the provisions of Appendix E [SELLER Surplus Equipment Sale De-Commissioning Process] to these Terms and Conditions, together with (iv) any additional site safety procedures communicated by the consignor. After dismantling and removal all work areas at the site must be clean an orderly state.

The possible costs of a reconstruction of premises due to the removal of assets shall be borne by the purchaser. The purchaser shall be liable for any damage.

The Purchaser agrees to provide method statements and /or risk assessments for the removal of the assets to the satisfaction of the consignor. The purchaser shall agree with the consignor the exact date and time of removal of the assets purchased, as well as about the kind and date of transport. As the assets purchased are located on the site any delay of dismantling or transportation could prevent consignor from using the site. Therefore the time-schedule shall be binding for the purchaser.

The consignor reserves the right to halt removal of any asset purchased if dismantling and removal is being carried out in an unsafe manner or without an approved "method statement" and /or "risk assessment" store it at the purchaser's expense. The purchaser shall be liable to Maynards and consignor for any deficiency and follow-up costs. The purchaser shall be liable for any damage as a result of non-compliance.

7. Environmental dispositions

The purchaser agrees to comply with all applicable environmental regulations and to indemnify the consignor or Maynards against all costs of and liability for, any spills, incorrect storage, handling or moving of hazardous, toxic or polluting materials, fluids or machinery on the site in relation to the assets purchased.

It is expressly brought to the purchaser's attention that certain types of plant or main service installations could contain blue or white asbestos, hazardous substances, dangerous chemicals, etc. which if not handled correctly during their removal from the site could be in breach of current regulations (as applicable in any relevant jurisdiction) relating to the use of such substances in a working environment.

It is expressly brought to the purchaser's attention that, at the time of sale, any item of plant, machinery or equipment contained in the assets may not necessarily comply with current regulations (as applicable in any relevant jurisdiction) relating to the use of that plant, machinery or equipment in a working environment. The purchaser for any such plant, machinery or equipment hereby undertakes to ensure that the use of any such plant and equipment at a place of work does not contravene any such relevant current legislations (as applicable in any relevant jurisdiction) and to comply with all current legislations (as applicable in any relevant jurisdiction) and any reasonable instructions in relation to the removal/disposal of waste including hazardous waste;

8. Intellectual Property

The purchaser acknowledges that any software or intellectual property rights attaching to the assets may not be the property of the consignor or capable of transfer by the consignor and that neither the consignor nor Maynards is in any way authorising the use by the purchaser of such software or intellectual property rights and that accordingly any use of such software or exploitation of such intellectual property rights shall be at the purchaser's sole risk;

9. Cancellation and Termination of a Purchase Agreement

Maynards shall be entitled to cancel a purchase agreement or the acceptance of a bid. In such case the purchaser has no entitlement to receive damages from Maynards or its consignors. Maynards shall cancel a purchase agreement or the acceptance of a bid, if:

- it comes to Maynards' attention that an item is to be exported to a country to which the item shall not be exported due to restraint of trade. This rule especially applies to Export Control international regulations;
- a purchased item has not yet been delivered and shipped and Maynards or its consignors will not be able to deliver and ship in the foreseeable future;
- the purchase price has not yet been fully paid after reminder and giving a period of two weeks for payment

10. VAT deposit, VAT-exempted sales

Purchasers residing outside of Germany shall pay VAT to Maynards as a deposit. The deposit shall promptly be refunded, if correct proof of export is submitted to Maynards in due time and, for purchasers from EU countries, if those companies submit their VATID to Maynards.

11. Internet Auctions, Webcast Auctions

Additionally, special terms and conditions as are apparent from the particular websites apply to Internet Auctions and Webcast Auctions.

12. Privacy, Confidentiality

Maynards shall ensure the privacy and confidentiality of any of its consignors' or purchasers' issues, unless these issues concern information given to Maynards by its consignor or purchaser for transactional purposes. For these purposes, Maynards shall be entitled to save and process data (such as name, address, Email address, telephone number) given by consignor or purchaser according to German Law. Such data given to Maynards shall not be passed on to third parties that are not involved in the business transactions.

In case Maynards is legally obligated to disclose confidential data or is ordered by a competent court or a competent authority to do so, Maynards shall promptly inform the consignor or the purchaser after such an obligation/order has come to Maynards' attention.

Furthermore, Maynards is entitled to collect, save and process data (such as name, address, Email address, telephone number) given by the purchaser or the bidder for future sales and auctions. Such data given to Maynards shall not be passed on to third parties.

This entitlement can be revoked at any time in writing.

13. Liability Limitation

Maynards or the consignor shall only be liable for damages arising from gross negligence and willful misconduct on the part of Maynards and/or its agents and or the consignor. Any liability shall be limited to the assets purchase price as stipulated by contract. The liability limitations are not valid for damages of body, life and healthiness. The liability limitations will not influence the rules of the burden of proof.

Under no circumstances shall Maynards or the consignor be liable for loss of profit or reputation or for any consequential or indirect losses. Maynards or the consignor shall not be liable for error.

As set forth in paragraph 5 (transfer of ownership and transfer of risk), the purchase of any item is at the purchaser's risk with risk of loss immediately passing to purchaser upon the auctioneer's call or the acceptance of an offer. Neither Maynards, nor its consignors, have any liability of any nature whatsoever to purchaser if the item is damaged by fire, water, storm or is not delivered to purchaser due to theft or any other cause. In any of these cases, total liability devolves to the purchaser.

In case of force majeure Maynards, or the consignor and purchaser are not liable for partly or entirely failing to fulfil a purchase contract due to force majeure events including natural disasters such as flood, earthquake, epidemics as well as embargoes, war or warlike operations, nationwide or sector-wide strikes, all of which may happen after signing a purchase contract and which may prevent the parties from performing. In case of such events of force majeure the parties agree to delay the performance of the contract until the event preventing performance has ended. Alternatively, Maynards or the consignor reserves the right to withdraw from the contract.

14. Place of Performance, Dispute Resolution

German Law shall apply. The United Nations Convention on Contracts for the International Sale of Goods shall not apply. Place of venue for all disputes between Maynards or the consignor and the purchaser shall be the city of Starnberg, Germany. Maynards and the consignor reserves the right to appeal to court also at the purchaser's place of venue.

15. Contract Documents, Requirement of Written form, Severability Clause

Only those documents or parts of documents (with the exception of the General Terms and Conditions of Sales and Auctions) shall be contract documents to which the Purchase Agreement explicitly refers to. Amendments or supplements to any contract between Maynards and its consignors as well as amendments to any legal agreements between Maynards and the purchaser (e.g. waiver, termination) shall be made in writing. This also applies to this written form requirement.

Should individual provisions under the contract be declared invalid, it will not have an effect on the remaining provisions under the contract. The parties are obligated to replace such invalid provisions with operative provisions which guarantee as far as possible the economic success in accordance with the purpose of the invalid provisions.

Starnberg, April 12th 2016