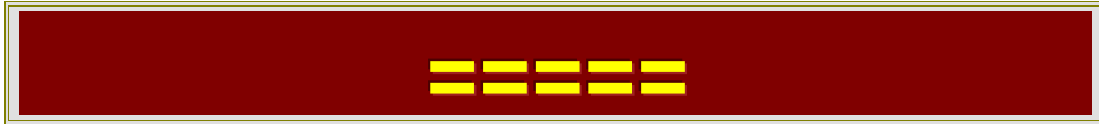


# HRODC Ltd.



## HRODC Ltd QUOTATION



With Kindest Regards,

A stylized, handwritten signature in gold ink, appearing to read "R. B. Crawford".

**Prof. Dr. R. B. Crawford**  
**Chief Executive**



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Human Resource and Organisational Development Consultancy (HRODC) Ltd. Registered in England No. 6088763.

**Registered Office:** 122A Bhylls Lane, Castlecroft, Wolverhampton, West Midlands WV3 8DZ, UK

Prof. Dr. R. B. Crawford

PhD (London), MEd.M. (Bath), Adv. Dip. Ed. (Bristol), PGCIS (TVU), ITC (UWI), MAAM, MAOM, LESAN, MISGS. Visiting Prof. P.U.P.  
Chief Executive & Chief Consultant – HRODC Ltd.



V.A.T. # 8958 765 38

	<h1 style="text-align: center;">HRODC Ltd.</h1>	
<p>122A Bhylls Lane, Wolverhampton, WV3 8DZ, UK Telephone: +44 (0) 1902 763 607 +44 (0) 1902 569133 Mobile: +44 (0) 7736 147507 E-mail: <a href="mailto:consult@hrod-consultancy.com">consult@hrod-consultancy.com</a> <a href="mailto:sales@hrod-consultancy.com">sales@hrod-consultancy.com</a> Website <a href="http://www.hrod-consultancy.com">http://www.hrod-consultancy.com</a></p>		<p>328 Linen Hall, 162-168 Regent Street, London. W1B 5TD, UK Tel: +44 (0) 20 84809628 Mobile: +44 (0) 7736 147507 E-mail: <a href="mailto:consult@hrod-consultancy.com">consult@hrod-consultancy.com</a> <a href="mailto:sales@hrod-consultancy.com">sales@hrod-consultancy.com</a> Website <a href="http://www.hrod-consultancy.com">http://www.hrod-consultancy.com</a></p>
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# HRODC Ltd QUOTATION

<b>To:</b>	
<b>Quotation #</b>	
<b>Req. Ref.</b>	NA
<b>Date Issued:</b>	
<b>Validity Period:</b>	30 Days
<b>Prepared By:</b>	Prof. Dr. R. B. Crawford
<b>Number of Pages:</b>	

### HRODC Ltd – Legal Parameter

Human Resource and Organisational Development Consultancy (HRODC) Ltd is Registered in England, with Registration Number 6088763. Its VAT Registration is: 8958 765 38. It is directly accountable to, and monitored by, several government agencies, including Companies House, an Executive Agency of the Department for Business, Enterprise and Regulatory Reform (BERR). All 'Offices' of HRODC Ltd, including National Representatives are subject to public scrutiny and transparency. Its Registered Office is 122A Bhylls Lane, Castlecroft, Wolverhampton, West Midlands WV3 8DZ, UK, with Office in London UK. It has National Representatives in Nigeria, Ghana, Cameroon, United Arab Emirates (UAE), Kingdom of Saudi Arabia, among others. Prof. Dr. R. B. Crawford, PhD (London), MEd.M. (Bath), Adv. Dip. Ed. (Bristol), PGCIS (TVU), ITC (UWI), MAAM, MAOM, LESAN, MISGS. Visiting Prof. P.U.P. is its Chief Executive.

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# Quotation

Column Number						
Row No.	1	2	3	4	5	6
	Product or Service	Product/ Service #	Short Description	Quantity	Unit Price US\$	Total Cost in US\$
1.	Asphalt Screed Sprayer	HRODC_ASS1	HRODC_ASS1 Asphalt Screed Sprayer	1	\$119,630.00	\$119,630.00
2.	Asphalt Screed Sprayer	HRODC_ASS2	HRODC_ASS1 Asphalt Screed Sprayer	1	\$41,073.00	\$41,073.00
<b>Subtotal</b>		Excluding Delivery, installation and training				
<b>Delivery</b>		To be advised				
<b>V.A.T. @</b>		Europeans Only				
<b>Grand Total</b>						
<b>Payment Terms</b>		<ol style="list-style-type: none"> <li>The prices, above, exclude delivery, installation and training, unless otherwise stated. These costs will be advised at your request.</li> <li>Products costing in excess of us US\$40,000.00 require a deposit of 50% by Telegraphic Transfer (TT) or bank counter credit, at the time of order. The remaining 50%, by Irrevocable Letter of Credit (ILC), is required one week before shipment of the complete item.</li> <li>100% of the cost of items of up to \$40,000.00 is required at the time of order.</li> <li>Bank details for payment, and extended terms, where applicable, will be included in the Proforma Invoice, following the confirmation of your order.</li> </ol>				

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# Product Description

## Start of HRODC\_ASS1 Asphalt Screed Sprayer - Asphalt Distributor, Tar Sprayer Description and Technical Specification



### HRODC\_ASS1 Asphalt Screed Sprayer - Asphalt Distributor

#### Main Fittings

Item #.	Fittings	Quantity
1	Chassis	1
2	Engine	1
3	Asphalt Tank	1
4	Asphalt Pump	1
5	Hydraulic Pump	1

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<b>HRODC_ASS1 Asphalt Screed Sprayer - Asphalt Distributor</b>		
<b>Main Fittings</b>		
<b>Item #.</b>	<b>Fittings</b>	<b>Quantity</b>
6	Hydraulic Motor	1
7	Heat Conducting Oil Pump	1
8	Burner	1
9	Control System	1
10	Temperature Controller	1

<b>HRODC_ASS1 Asphalt Screed Sprayer - Asphalt Distributor - Technical Specification</b>			
<b>Specifics (1)</b>	<b>Value (1)</b>	<b>Specifics (2)</b>	<b>Value (2)</b>
✓ Wheelbase (mm)	5000	✓ Asphalt Pump Rotating Speed (r/m)	600
✓ Tread (front/rear) mm	2022/1830	✓ Power Take-off Model	211/70 PQ1-3
✓ Min. Ground Clearance (mm)	248	✓ Burner Model	G20-474T1
✓ Suspension (front/rear) mm	1500/2980	✓ Hydraulic Pump Model	CBQ-F563AFP
✓ Approach/Departure Angle (°)	34/12	✓ Hydraulic Motor Model	GM05-90-8H
✓ Ramp Angle (°)	23	✓ Rated Pressure (Mpa)	16
✓ Max. Speed (km/h)	90	✓ Heat Conducting Oil Pump Model	BRY40-25-160
✓ Working Speed ( km/h )	2.5~10.5	✓ Heat Conducting Oil Model	Great Wall 32#
✓ Max. Grade ability (%)	> 23	✓ Asphalt Tank Capacity (L)	10000
✓ Tyre Model	11.00-20×16PR	✓ Nozzle	39
✓ Tyre Pressure front/rear (kPa)	630/630	✓ Spraybar Variable (m)	2~6
✓ Main Drive Ratio	4.22	✓ Spraybar Value (kg/m <sup>2</sup> )	0.5~3.0
✓ Max. Braking Distance (m)	<10	✓ Emission Standard	GB17691-2001(□)
✓ Min. Turning Circle Dia. (m)	<23.8		GB3847-1999

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### HRODC\_ASS1 Asphalt Screed Sprayer - Asphalt Distributor - Technical Specification

Specifics (1)	Value (1)	Specifics (2)	Value (2)
✓ Oil Consumption (L/100km)	<26		
✓ Parking Gradient (%)	> 20		

### HRODC\_ASS1 Asphalt Screed Sprayer - Asphalt Distributor

#### General Description

Item #.	Name of Component	Highlights
1.	➤ Tank (10000L)	<ul style="list-style-type: none"> <li>✓ Stainless steel outer cover,</li> <li>✓ Aesthetically Appealing</li> <li>✓ Easy clean (Patent No.ZL02216280.1)</li> </ul>
2.	➤ Rear Spraying System (folding type)	<ul style="list-style-type: none"> <li>✓ Intelligent Nozzle,</li> <li>✓ Communicates intelligently with the Intelligent Asphalt Distributor</li> </ul>
3.	➤ Hand Spray Gun System	<ul style="list-style-type: none"> <li>✓ Flexible,</li> <li>✓ Convenient,</li> <li>✓ Improved Construction Manoeuvrability</li> </ul>
4.	➤ Asphalt Pump (inbuilt type)	<ul style="list-style-type: none"> <li>✓ High Pressure,</li> <li>✓ Abrasion-Resistant</li> <li>✓ Patented</li> </ul>
5.	➤ Pipeline Cleaning System	<ul style="list-style-type: none"> <li>✓ Diesel oil,</li> <li>✓ Air dual-cleaning system</li> <li>✓ No need to fire before construction,</li> <li>✓ High level Operational Efficiency</li> </ul>
6.	➤ On-board Lighting System	<ul style="list-style-type: none"> <li>✓ Cost Efficient Operation</li> <li>✓ Operational Convenience</li> </ul>
7.	➤ Sprinkling System (optional fitting)	<ul style="list-style-type: none"> <li>✓ Dual Purpose Construction – Asphalt/ Water (Patented)</li> </ul>
8.	➤ Asphalt Spraying Monitor System (optional fitting)	<ul style="list-style-type: none"> <li>✓ Required less than usual Manpower</li> <li>✓ Improves construction quality,</li> <li>✓ Operationally Convenient</li> </ul>
9.	➤ Asphalt Self-induced Device	<ul style="list-style-type: none"> <li>✓ With high self-induction ability,</li> <li>✓ Convenient for construction,</li> <li>✓ Conserves on manpower</li> </ul>

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10.	➤ Auto-burner	<ul style="list-style-type: none"> <li>✓ Supplied by Riello of Italy</li> <li>✓ Controls Burner Switch Automatically</li> </ul>
11.	➤ Adjustable volume indicator	<ul style="list-style-type: none"> <li>✓ Adjustable Asphalt flow rate indicator</li> <li>✓ Adjustable Spray Volume</li> </ul>

**End of HRODC\_ASS1 Asphalt Screed Sprayer - Asphalt Distributor, Tar Sprayer  
Description and Technical Specification**

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## Start of HRODC\_ASS2 Asphalt Screed Sprayer – Asphalt Distributor, Tar Sprayer Description and Technical Specification



### HRODC\_ASS2 Asphalt Screed Sprayer

#### Technical Specification

Specifics (1)	Value (1)	Specifics (2)	Value (2)
➤ Truck Type	Flat Head 4×2 Rear Drive	➤ Displacement (L)	3.856
➤ Dimension	7650×2180 ×2410	➤ Maximum Power ( kw/r/min )	88/3200
➤ (L×W×H) mm			
➤ Cab Passenger	3	➤ Max. Torque (N·m/r/min)	245/2000
➤ Vehicle Kerb Mass (KG)	5200	➤ Burner Diesel Tank Capacity (L)	25
➤ Rated Load Mass (KG)	3000	➤ Cleaning Diesel Tank Capacity (L)	40
➤ Max. Total Mass (KG)	8395	➤ Fuel Tank Capacity (L)	60

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## HRODC\_ASS2 Asphalt Screed Sprayer

### Technical Specification

Specifics (1)		Value (1)	Specifics (2)		Value (2)
Distribution of Axle Load (KG)	✓ Front Axle (no load)	2380	➤ Decelerator Model		HRODC_DC12
	✓ Front Axle (full load)	5120	➤ Decelerator Gear Ratio		5.8116
	✓ Rear Axle (no load)	4070	➤ Gearbox Model		HRODC_GB32
	✓ Rear Axle (full load)	6275	➤ Asphalt Pump Model		HRODC_AP45
➤ Wheelbase (mm)	4100	➤ Asphalt Pump Displacement (ml/r)		450	
➤ Tread (front/rear) mm	1750/1586	➤ Asphalt Pump Rotating Speed (r/m)		500 ~ 1000	
➤ Min. Ground Clearance (mm)	176	➤ Power Take-off Model		HRODC_PTA3	
➤ Suspension (front/rear) mm	1110/2440	➤ Burner Model		HRODC_AB13	
➤ Approach/Departure Angle (°)	18/14	➤ Air Compressor Model		HRODC_AC16	
➤ Ramp Angle (°)	23	➤ Rated Atmospheric Pressure (Mpa)		0.6	
➤ Max. Speed (km/h)	95	➤ Hydraulic Pump Model		HRODC_HP4	
➤ Working Speed (km/h)	5~30	➤ Hydraulic Motor Model		HRODC_HM24	
➤ Max. Grade ability (%)	>23	➤ Rated Pressure (Mpa)		20	
➤ Tyre Model	7.50-16×12PR	➤ Asphalt Tank Capacity (L)		5000L	
➤ Tyre Pressure front/rear (kPa)	630/630	➤ Nozzle		13	
➤ Main Drive Ratio	4.875	➤ Asphalt Spray Bar Variable (m)		0~6	
➤ Max. Braking Distance (m)	<10	➤ Asphalt Spray Bar Value (kg/m <sup>2</sup> )		0.3~3.0	
➤ Min. Turning Circle Dia.(m)	<17	➤ Emission Standard		GB17691-2001(□)	
➤ Oil Consumption (L/100km)	<11.5			GB3847-1999	
➤ Parking Gradient (%)	>20				

### End of HRODC\_ASS2 Asphalt Screed Sprayer - Asphalt Distributor, Tar Sprayer Description and Technical Specification

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**Additional  
Comments**

NA



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