



UNITED KINGDOM

**Basic Specification**

60 1 x Pre-Owned ESE 6 RD 6000 Suction Excavator fitted with Breaker Boom 1 pc  
 Mounted on a Mercedes-Benz Arocs 5 3351L 8x4x4 Chassis Cab RHD

**Technical Details – Mileage and Fan/Compressor Hours correct as at 18.11.2025**

Year of Manufacture .....2021  
 Fuel Tank Capacity.....1 x 300 litre / 1 x 250 litre  
 Present Mileage.....48,038 Miles  
 Fan Hours .....993:47:16 hours  
 Compressor Hours .....491:59:44 hours

**A Suction Capacities**

A210 High Performance (DV2) Twin Fan 1 pc  
 Qmax = 42,000 m³/hr, Pmax = 40,000 Pa, optimized version  
 A220 Increased Performance of A210 (DV2) Twin Fan 1 pc

**B Separation System**

B006 RSP Separation System Included  
 B016 Fine Filter Unit with automated compressed air cleaning system Included  
 B066 6m³ Container including abrasion protection inside and stainless steel drip edge. Tipping to the right side when viewed from the rear. Included  
 B506 Heavy Duty version of the lid 1 pc  
 Baffle plate ad entry of the lid lined with highly wear resistant material  
 SON1 Dust shield on container including 1m long handle and chequer plates on the frame to protect the hydraulic lines 1 pc

**C Hose Carrier**

C406 Articulated Suction Hose Carrier 6000, swivel motor 1 pc  
 Range 6,000 mm  
 Slewing range 180 degrees  
 Fitted to the left side when viewed from the rear  
 Including 2 LED work lights mounted on the hose carrier  
 C416 Lift and slew control system for suction hose carrier 1 pc  
 C426 Suction hose carrier and lid transport position sensors with visual and audible warning system 1 pc

**D Working Area**

D010 Suction nozzle holder L = 1,230 mm, D = 250 mm 1 pc  
 D210 PE Suction Nozzle (non-conductive) L = 1,230 mm, D = 250mm 1 pc  
 (RSP Clamping System)  
 D320 PE Reducing Suction Nozzle (non-conductive) 1 pc  
 L = 1,360 mm, D = 250/130 mm (RSP Clamping System)  
 D410 PU Suction Hose Extension with steel coupling 1 pc  
 L = 2,200 mm, D = 250 mm  
 D710 Transport holder for Extensions (Galvanized): Length over 1,500mm 1 pc



<b>E Hydraulic System</b>		
E000	Hydraulic system for energy-efficient use	Included
E100	Ultra fine bypass filter in the return line	1 pc
E300	Increased cooling capacity of the hydraulic oil system and additional cooler	1 pc
E410	External hydraulic outlet Pmax = 160 bar, with inlet and return flow	1 pc
E420	Installation of external hydraulic outlet Pmax = 160 bar, with inlet and return flow on the articulate hose carrier for hydraulically driven equipment.	1 pc
<b>F Pneumatic System</b>		
F000	Air connections on the back for oiled and non-oiled pressurised air	Included
F200	Air Compressor Qmax = 4,5 m³/min Pmax = 7 bar radio remote controlled	1 pc
F400	Stainless steel hose reel with spring return including an 8m hose, 19mm diameter	2 pc
<b>H Control System</b>		
H000	Entire superstructure is controlled by PLC Display including constant monitoring system showing machine data	Included
H020	Remote control unit that operates superstructure functions including spare transmitter, battery and battery charger	Included
H030	RSP Telematics system for monitoring of superstructure data	Included
H040	Programme adjustment to move the articulated suction hose carrier in two stages (slow/fast), switchable at the rear of the vehicle	Included
H230	Position sensor for remote control units (Tilt Sensor)	2 pcs
H240	Storage for remote control unit in the cab with visual and audible warning.	2 pcs
<b>I Additional Equipment</b>		
I000	Exhaust air silencer frequency optimised for RSP Suction Excavators to reduce noise levels	Included
I016	Two lockable storage compartments made from stainless-steel and mounted on the offside of the vehicle	Included
I020	Safety equipment (PPE)	Included
I030	Electrical Spare Parts Kit	Included
I510	Handwashing system with soap dispenser including eye bath and first aid kit	1 pc
<b>J Hydraulic Drive / Intermediate Gearboxes</b>		
J200	RSP Drive No.1 including safety system System for normal travel distances	1 pc
J400	Electrical RSP Steering System	1 pc
<b>K Safety Equipment / Industrial Equipment</b>		
K000	Emergency stop button with large mushroom head	Included
K010	Stabiliser leg support sensor system including visual and audible warning system in the driver's cab	Included
K020	Airflow gate for DV2 Twin Fan	Included
K030	Central lubrication system for the DV2 Twin Fan	Included



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<b>K</b>	<b>Safety Equipment / Industrial Equipment (Continued)</b>	
K330	Additional emergency stop button mushroom head	3 pc
K400	Electrical level indicator (Ultrasonic shown in %)	1 pc
K426	Central lubrication system for C406 articulated suction hose carrier and lid	1 pc
K450	Inverter 110v 2000W including one socket at the rear of the vehicle.	
K630	6kg dry powder hand operated fire extinguisher with protective cabinet	1 pc
K906	Additional stabiliser leg at the rear operated via remote control, not available with hydraulic slewing cylinder	1 pc
SON2	Lockable ladder guard	1 pc
<b>L</b>	<b>Illuminating Equipment / Warning Devices</b>	
L000	LED flashing beacon mounted at the rear of the vehicle	Included
L010	LED Work lamp mounted at the rear of the vehicle	Included
L020	LED Marker lights positioned on the lid	Included
L200	LED strobe lights mounted at the front and rear of the vehicle	6 pcs
L210	Light package consisting of:- 4 LED work lamps; 1 LED work lamp with magnetic base and LED lighting in the storage cabinet.	1 pc
L226	LED Periphery lighting fitted to both sides of the truck at chassis level (and NOT on the lid); switch mounted in the drivers cab.	1 pc
L510	Additional warning signs	1 pc
L600	Red LED beacon with audible warning	1 pc
SON3	Additional marker lights mounted on the rear underrun	2 pcs
<b>M</b>	<b>Design</b>	
M000	Paintwork of Suction Superstructure in MB9147 Artic White high gloss colour	Included
M010	Paintwork of Hose Carrier in MB9147 Artic White standard construction paint	Included
M206	Side cladding on the container To be fitted flush on the tilting side of the container in one or two sections with no gap at the top.	1 pc
M300	Side cladding between cab and superstructure, maximum width 400mm	1 pc
SON4	Rear of the container and Lid in Hi-Vis yellow RAL 1016 Sulfur Yellow	Included
SON5	Access point painted in RAL 1016 Sulfur Yellow (access platform to ladder + ladder grab handles)	1 pc
<b>N</b>	<b>Equipment for loosening the ground</b>	
N200	Pneumatic Venturi Air Knife (non-conductive)	1 pc
N310	Pneumatic 1" Air Lance L = 2,000 mm (non-conductive)	1 pc
N800	Additional Hand Tools:- 2m Spade for cleaning container 2 Scrapers Pinch Bar Grease Gun Rubber Hammer Oil Discharge Hose	1 pc



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<b>O      Handling over / Instruction</b>		
O010	Documentation and operator's manual	Included
O020	Access authorisation to the RSP online spare parts catalogue	Included
<b>Q      Chassis Options</b>		
Q100	Installation of the side under-run guards	1 pc
Q300	Reconstruction diesel tank	1 pc
Q422	Installation of stainless- steel mudguards with additional stainless-steel plate for strengthening	1 pc
Q510	Additional aluminium fuel tank	1 pc
Q700	Repositioning of the four-circuit protection valve or air tanks	1 pc
<b>SON      Special Equipment</b>		
SON6	Uk partial safety code (3 points of contact) 1: Three points of contact to climb up onto rear of vehicle: a. Additional handle on backside of the sub frame b. Additional height adjustable handle on the back of the unit c. Step on the rear (if necessary = distance between rear under run and boom platform bigger then 500mm) 2. Full checker plate step over the full length of the rear under run protection	
SON7	Engineers override switch inside E-box to operate Digging Boom and Articulated hose carrier simultaneously	1 pc
SON8	Axle Indication System Connection point including isolation key switch mounted inside the E-Box	1 pc
SON9	Hydraulic Rock Breaker Boom	1 pc
LONDON	"Blind Spot Information System	1 pc
DVS2024	Brigade Predictive Side Radar (BSIS): This system employs AI technology to distinguish between stationary vehicles, street fixtures, and vulnerable road users (VRUs). It provides a visual alert when a VRU enters its detection zone and will issue a verbal warning if a collision is predicted."	
LONDON	"Moving Off Information System	1 pc
DVS2024	Brigade Moving Off System (MOIS): MOIS, an AI-powered camera system, distinguishes between vehicles and VRUs. Its purpose is to alert the driver to the presence of VRUs within a 180-degree angle at the front of the vehicle, both before and during moving off."	

<b>PRICING SUMMARY</b>	
<b>1 x Pre-Owned ESE 6 RD 6000 Suction Excavator</b> <b>Mounted on a Mercedes-Benz Arocs 5 3351L 8x4x4 Chassis Cab RHD</b>	<b>£349,500.00 + VAT</b>