

 **MO machine specification frozen. Specification change gives new delivery time**


MO	Boomer Boomer WE3 C	No: 174	CC P/O Number: / Date 4501440387 / okt-02 2015
Customer:		Manufacture Number 8999 2134 00	Approval Date / Version: aug-4 2016 / 3

General			
Machine Family: Boomer	CC P/O number: 4501440387	TO/WO Number:	Serial number:
	Final Customer Reference Number:	SAP number:	Initial issuer: Ulf Sundberg
Distribution: TMG_db_MO_Distr_List_Boomer		Regional Business Manager Sign:	
Additional distribution: Maria Hellberg			
Customer information			
Customer activity: Construction	Customer Center: Atlas Copco Sweden	Reference: Per Holmberg	
Production information			
MO freeze date nov-24 2015	Production status: Production finished	Promised production finish date: apr-20 2016	Adjusted production finish date: apr-20 2016
Sales conditions			
Type of sales: Customer Machine Order	Training at PC: No	StartUp: No	Shipped with separately ordered equip.: No
Penalty: Yes	From day: apr-4 2016	Rate: 0,5%	
Delivery as: Complete machine	Requested delivery day (delivery ex works): mar-25 2016	Promised delivery day (delivery ex works): jun-06 2016	Adjusted delivery day (delivery ex works): aug-15 2016
Main carrier: Truck	Place of destination and Delivery Address: Implenia; Korsningen Bergslagsvägen – Siktgatan, Johannelund, Stockholm; Kontaktperson;; Hellas 072-735 47 73		
Customer name: Implenia	Customer net price:	Transfer Price (ex works):	Customer Invoice expected:
Terms of delivery: DAP			
	Buy back clause in sales contract: No		
Payment: Local: Customer center (normal intercompany payment)			
Additional payment terms comment:			
Documentation conditions			
Hard copy, AIB: Yes, 3 pcs	Hard copy, ASL: Yes, 3 pcs		
Optional documentation: Atlas Copco Mining and Rock Excavation Technique Sweden , Sjöbodavägen 9 , 145 53 Norsborg Sweden	Documentation language: 1xGerman, 1xSwedish, 1xEnglish	Delivered to Customer Center: Atlas Copco Sweden	Attention: Mattias Eriksson
Environment Product Declaration: Yes			
Design conditions			
Classification: Adapted	Estimated design hours: 8	Requested/Committed structure completion day: okt-08 2015	Adjusted structure completion day:

Design comment: -			
Additional Standard test:	Duration of standard test - in days		
Additional test: Test program - type of test: Standard	Test program - duration (days): 5		Sign: <i>Ulf Sundberg</i>
Legal requirements			
Legal requirements: CE			
Work site conditions			
Electricity(V /Hz): 1000V / 50Hz	Site temperature: 0 — 25°	Altitude (a.s.l.): <1000m	
Specification, Basic Machine			
Feed			
Left BMH 6X20/10 - RHS E	Middle BMH 6X20/10 - RHS E	Right BMH 6X20/10 - RHS E	
Rock drill			
Left COP 3038 TC42E 06 (Fast Track)	Middle COP 3038 TC42E 06 (Fast Track)	Right COP 3038 TC42E 06 (Fast Track)	
Drill steel			
Model Left T38-H35-R32 SPEEDROD®	Model Middle T38-H35-R32 SPEEDROD®	Model Right T38-H35-R32 SPEEDROD®	
Boom			
Left: BUT 45L L	Middle: BUT 45L T	Right: BUT 45L R	
Miscellaneous			
Carrier: DC 150			
Operator environment: Cabin			
Control system: RCS			
Engine: Deutz TCD 6.1 L06 180kW Stage IIIB / Tier 4i			
Engine requirements (for PC use only): Pre-Buy			
Attached documents:			
Technical specification: Boomers WE3 C			
Standard Configuration			
<u>Rock drill / Drilling system</u> Big hole drilling system Rock drill lubrication warning kit Hole Blowing Kit (internal system with CE certified air reciever) <u>Feed / Positioning system</u> Feed pre-drilled with mounting holes for rod adding system (RAS) - 10' extension rods (BMH only) Feeds pre-drilled with mounting holes for Rod Handling System (RHS E) - 10' extension rods (BMH only).			

Bulk head style hose tree on feed/s

Software

ABC Regular - 3 boom machine

Underground Manager Pro

Hydraulically prepared for ABC Total - 3 boom machine

Electronic parallel holding 3-Boom

Navigation method C (ABC Regular and ABC Total only)

USB - memory stick (2x Program, 1x Parameter and 2x Empty)

Bolt view

Cabin

Front window 16mm

Heating function for air conditioning (Water transfered)

Spot light: 70W [Left side]

Illuminated stairs

Media player

Air-conditioning

12V outlet for communication radio

Cabin lift system (0-1100mm)

Air system

Compressor GAR 5

Air pressure gauge

Water system

Hydraulic powered water booster pump

Water pressure guard

Hydraulic system

Mineral hydraulic oil

Hydraulic oil thermostat

Hydraulic oil temperature meter

Electrical oil filling pump

Oil filter indicator

Low oil level indicator

Carrier

14.00 R24 Tyres

Fuel tank: 125 litres

Exhaust system: Silencer

Beacon warning lamp

<p>Large plates for hydraulic jacks</p> <p>Service brakes</p> <p>Emergency and parking brakes (SAHR)</p> <p>Manual actuated differential lock on boom axle [Hydra lock]</p> <p>Tramming lights 40W LED 24V DC</p> <p>Central grease point for lubrication system</p> <p>Spirit level for longitudinal and sideway</p> <p>Fixed seat for tramming</p> <p>Warning horn</p> <p>Electrical system</p> <p>Electrical cable reel</p> <p>Limit switch for cable reel with signal lamp</p> <p>Star/Delta start of main electrical motor (1000V is direct start + other limitations may exist, see info)</p> <p>Electronic overload protection for electrical motors</p> <p>Digital voltage and current meter in electrical cabinet</p> <p>Earth fault indicator</p> <p>Transformer 12,0kVA</p> <p>Miscellaneous</p> <p>Dual controls for cable / water hose reel (if included).</p> <p>Shelf for bits and tools</p> <p>Folder box</p>

Fast track

Regular

Rock drill / Drilling system options				
Included	Not Incl.	Description	IP Price	Info
	✓	Air-Water mist flushing - external water, external air - hydraulic oil cooled by air-fan - 3-Boom machine		Info

Feed / Positioning system options				
Included	Not Incl.	Description	IP Price	Info
	✓	Hole depth sensor - Hydraulic flow meter in place of standard fishing line sensor		Info

Boom options

Included	Not Incl.	Description	IP Price	Info
✓		Automatic boom lubrication kit, rear part of boom - 3 Boom machine	5 600	Info

Software options

Included	Not Incl.	Description	IP Price	Info
✓		ABC Total - 3 boom machine (Upgrade)	51 000	Info
✓		RCS 5, the next generation of RCS	25 000	Info
	✓	Underground Manager MWD		Info
	✓	Boom and Machine equipped for Measure While Drilling (MWD) 1-Boom Select configuration = -		Info
	✓	Booms and Machine equipped for Measure While Drilling (MWD) 2-Booms Select configuration = -		Info
✓		Booms and Machine equipped for Measure While Drilling (MWD) 3-Booms Select configuration = Boom 1 & 2 & 3	32 500	Info
	✓	Auto function for RHS-E, 1-Boom Select configuration = -		Info
	✓	Auto function for RHS-E, 2-Booms Select configuration = -		Info
✓		Auto function for RHS-E, 3-Booms Select configuration = Boom 1 & 2 & 3	On Request	Info
	✓	Water loss measurement instruments installed in service basket (if fitted)		Info
✓		RRA - Rig Remote Access Connection = WLAN with RRA Server	19 800	Info
	✓	Tunnel Profiler		Info
✓		Total Station Navigation	45 000	Info
	✓	Total Station Navigation (excluding Total Station)		Info
	✓	Rig Access Control		Info

Cabin options

Included	Not Incl.	Description	IP Price	Info
✓		Front window 24mm	550	Info
✓		Operator panel arrangement - Boomer 3/4 boom or multiple man basket machines (One sitting to the left= Standard) Arrangement: = One sitting to the left and one standing	On Request	Info
✓		Reversing camera with monitor	2 800	Info
	✓	Operators seat raised 200mm (Fixed)		Info
✓		Electrical height adjustable seat	2 900	Info

Air system options

Included	Not Incl.	Description	IP Price	Info
✓		Compressor GAR30, (for extra air requirement)	2 500	Info

Water system options

Included	Not Incl.	Description	IP Price	Info
✓		Water hose reel incl. water hose	9 500	Info

Hydraulic system options

Included	Not Incl.	Description	IP Price	Info
✓		Biodegradable hydraulic oil VOLUME [m3] = To normal oil level	1 020	Info
✓		Heater kit including heater in hyd.tank, diesel engine, el.motor.	4 700	Info
✓		Kidney hydraulic oil filter Voltage = -	5 100	Info

Carrier options

Included	Not Incl.	Description	IP Price	Info
----------	-----------	-------------	----------	------

✓		Fire suppression system ANSUL - Manual release		Info
✓		Fire suppression system ANSUL - Automatic release (CO2)		Info
✓		Fire suppression system FORREX - Automatic release (CO2)	9 800	Info

Electrical system options

Included	Not Incl.	Description	IP Price	Info
✓		Electric cable (Bulflex)	5 500	Info
	✓	Plug		Info
	✓	Electrical outlet, main supply voltage 16A-3 Phase [Not UL,CSA and/or 1000 V] Type = 32A socket size		Info
✓		Extra transformer 3-phase - 15kVA (230/400V outlet) Trafo size = 1 x 16A outlet and 1 x 32A outlet	On Request	Info
	✓	Soft start of main electrical motor (certain limitation exist, see info)		Info
✓		Soft start of main electrical motor 1000 V	10 500	Info

Miscellaneous options

Included	Not Incl.	Description	IP Price	Info
✓		Service platform P3 Basket type: = Wide - triangle shaped (Standard) Protective roof for Basket (FOPS approved): = Yes - Telescopic design (Option). Mandatory for CE-certificaton	67 500	Info
✓		Swingable basket for SP platforms	7 500	Info
✓		3 inch drainage water pipe through rig	2 100	Info
✓		Water and air outlet in service basket	1 400	Info
	✓	Hydraulic Swellex pump type H1 for manual installation For bolt type = -		Info
✓		Rod holder for extra drill rods	600	Info
✓		Fire extinguisher (hand held)	On Request	Info
✓		Manual lubrication kit	On Request	Info
✓		Rig washing kit with water hose and reel	1 400	Info
✓		Boots washing arrangement	500	Info
✓		Hydraulic outlet for charging with Mini SSE	5 500	Info
✓		Drill Stop Protection System - Three Boom Machine (Required for CE)	17 500	Info
✓		Cold weather package	8 000	Info
	✓	Other, See Special Request		Info

Parts and Services Products

Included	Not Incl.	Description	IP Price	Info
	✓	COP Care		Info

Agreement	
Service agreement	Offered
COP Care	Included

Order number of additional equipment, ordered separately, to be shipped with this machine.
Technical Special request:
Prebuy diesel engine 5112 3311 78 Certiq

water hose supplied by AC Sweden, want one steel layer type, no extensions, Norwegian type	
Additional Information:	
Documentation on CD on all available languages	
Loading Info:	
Kunden vill ha maskinen i Juni.	
Marketing Info:	
Lev.besiktning 27/4	
Stock Entry date	
Information about Stock Entry	
Invoice to End-customer date	
Information about Invoice to End-customer date	