



Technical specification Welder & Compressor Arcobil 3 EVO

	Unit	Type 3 EVO	
Number of welding stations	pcs	1	
ENGINE			
		LOMBARDINI (KOHLER)	
Type		LDW 2204 Turbo	
Fuel		diesel	
No of cylinders	pcs	4	
Configuration		inline-four	
Displacement	ccm ³	2199	
Cooling		liquid	
Working power @1900 rpm	kW/hp	33 / 45	
Emission class		Stage II Flex	
Consumption	g/kWh	250	
Air filter		dry	
GENERATOR			
		SINCRO	
Type		FB2 SB B3 B14	
Electrical power	kVA	19	
Voltage	V	230 / 400	
Current	A	27,4	
Frequency @3000 rpm	Hz	50	
WELDING EQUIPMENT *			
		VIETZ	
Inverter welding machine MMA		Cellstar 350 puls PWS	
Current adjustment range	A	10 - 350	
Duty cycle 60%	A	310	
Open-circuit voltage **	V	95	
Dimensions (L x W x H)	mm	600 x 205 x 415	
Weight	kg	25	
COMPRESSOR			
Type		EVO3-NK	
Volume flow	m ³ /min	2,5	
Operating pressure air	bar / psi	8 / 116	
CONSTRUCTION			
Tank capacity	l	50	
Sound emission	L _{WA}	96	
Starter battery	Ah	88	
Ambient temperature	°C	-20 ... +55	
CARRIAGE ACCORDING TO StVZO ***			
Drawbar (not adjustable)		161 S R 16	
Drawbar (vertically adjustable) ****		161 VB-2	
Axle		braked plus 1300 kg, 112x5	
Tire		Tire with Wheel 185 R14	
Inclusive		Jockey wheel to 500 kg, requirements on lighting according StVZO	
BASIC SPECIFICATIONS			
		Carriage (161 S R 16)	Carriage (161 VB-2)
Dimensions (L x W x H)	mm	2710 x 1570 x 1370	3700 x 1570 x 1370
Operating weight (with Inverter)	kg	1075	1125
Operating weight (with Inverter + Equipment)	kg	1105	1155
Article no. from carriage		32077	32077S
Article no. from welder		31154	
EQUIPMENT ****			
		Article no.	
Checker plate (three-part)		33100H	
Storage boxing right + left		31102G + 31102H	
Hose recoiler & compressed air oiler		38020A	
More equipment on request			

* Optional MAG / WIG on request | ** Optionally with VRD AUS or VRD RU on request

*** Optionally with carriage (axle) up to 100 km/h | **** Optionally available

Mistakes and changes are reserved



Technical specification Welder & Compressor Arcobil 4

	Unit	Type 4	
Number of welding stations	pcs	2	
ENGINE			
KOHLER			
Type		KDI 2504 TCR	
Fuel		diesel	
No of cylinders	pcs	4	
Configuration		inline-four	
Displacement	ccm ³	2482	
Cooling		liquid	
Working power @1500 rpm	kW/hp	47 / 64	
Emission class		Stage III B	
Consumption	g/kWh	215	
Air filter		dry	
GENERATOR			
SINCRO			
Type		IB4 SA	IB4 SB ****
Electrical power	kVA	22,9	27,5
Voltage	V	230 / 400	230 / 400
Current	A	33	39,7
Frequency @1500 rpm	Hz	50	50
WELDING EQUIPMENT *			
VIETZ			
Inverter welding machine MMA		Cellstar 350 puls PWS	
Current adjustment range	A	10 - 350	
Duty cycle 60%	A	310	
Open-circuit voltage **	V	95	
Dimensions (L x W x H)	mm	600 x 205 x 415	
Weight	kg	25	
COMPRESSOR			
Type		EVO6-NK	
Volume flow	m ³ /min	4,0	
Operating pressure air	bar / psi	8 / 116	
CONSTRUCTION			
Tank capacity	l	70	
Sound emission	LWA	97	
Starter battery	Ah	90	
Ambient temperature	°C	-20 ... +55	
CARRIAGE ACCORDING TO StVZO ***			
Drawbar (not adjustable)		161 S R 26	
Drawbar (vertically adjustable) ****		161 VB-2	
Axle		braked plus 1600 kg, 112x5	
Tire		Tire with Wheel 185 R14	
Inclusive		Jockey wheel to 500 kg, requirements on lighting according StVZO	
BASIC SPECIFICATIONS			
		Carriage (161 S R 26)	Carriage (161 VB-2)
Dimensions (L x W x H)	mm	3260 x 1630 x 1460	3930 x 1630 x 1460
Operating weight (with two Inverter)	kg	1480	1520
Operating weight (with two Inverter + Equipment)	kg	1510	1550
Article no. from carriage		32078S	32078
Article no. from welder		31153	
EQUIPMENT ****			
Article no.			
Checker plate (three-part)		31000R	
Storage boxing right + left		92012 + 92013	
Hose recoiler & compressed air oiler		38020A	
More equipment on request			

* Optional MAG / WIG on request | ** Optionally with VRD AUS or VRD RU on request

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