



## Technical specification VFT 500

	Unit	Type 500	
Pipe sizes	inch	For 6" IPS to 20" OD (HDPE Pipe)	
<b>ENGINE</b>			
Type		<b>DEUTZ</b>	<b>VOLVO</b>
Fuel		TCD 2012 L04 V2	TAD571VE
No of cylinders	pcs	diesel	diesel
Configuration		4	4
Displacement	l	inline-four	inline-four
Cooling		4.0	5.1
max. Power	kW/hp	liquid	liquid
Working rotational speed	rpm	103 / 140 @2400 rpm	129 / 175 @2300 rpm
Emission class		1500	1500
Electrical system	V	Stage III A flex / Tier 3	Stage IV / Tier 4f
Onboard control system		24 DC	
		Vietz VCU	
<b>BUTT WELDING MACHINE</b>			
Type		<b>McElroy</b>	
Pipe sizes (min. - max.)	mm	PitBull® 500	
Available inserts*	mm	180 - 500	
Heater power	W	180   200   219   225   230   250   273   280   282   315   324 335   340   355   389   400   406   442   450   457   495   500	
Pivoting (Facing, Heating)		4000	
Cylinder force option		hydraulic	
		Medium force	
<b>GENERATOR</b>			
Electrical power	kVA	Three-phase synchronous brushless 2 pole	
Frequency @3000 rpm	Hz	12,8	
Hydraulic drive		50	
		Parker F11-19	
<b>COMPRESSOR*</b>			
Type**		<b>Rotorcomp screw compressor</b>	
Operating pressure air	bar / psi	EVO3-NK	
Volume flow	m³/min	10 / 145	
Air reservoir capacity	l	2,1	
Hydraulic drive		120	
		Parker F11-10	
<b>UNDERCARRIAGE</b>			
Track chain type		B2	
Top rollers   Bottom rollers	pcs	2   9	
Gauge	mm	3310	
Triple grouser shoes width	mm	500	
Ground pressure	kg/cm²	0,44	
Hill climbing capacity	°	30	
Low speed   High speed	km/h	3,6   4,9	
<b>TANK CAPACITY</b>			
Diesel	l	300	
Hydraulic	l	240	
<b>HEATABLE CAB</b>			
Rollover protection system (ROPS)		Standard	
Removal welding unit from cabin		Standard	
<b>AIR CONDITION</b>			
Under floor Condenser & Evaporator		<b>Konvekta Thermo Systems</b>	
Air volume	m³/h	B76 & R134a	
Cooling capacity	W	1800	
		9000	
<b>BASIC SPECIFICATIONS</b>			
Dimensions (L x W x H)	mm	12600 x 2850 x 3360	
Operating weight	kg	14800	
Transport dimensions (L x W x H)	mm	11000 x 2850 x 3360	
Transport weight	kg	14500	
Ambient temperature	°C	-20 ... +55	
Special Features		Rear view camera   Tinted windows   Two additional power outlets   FM Radio with MP3	
<b>Article no.</b>		<b>38500</b>	

\* optionally available | \*\* other types on request  
Mistakes and changes are reserved



## Technical specification VFT 900

	Unit	Type 900	
Pipe sizes	inch	For 12" IPS to 36" OD (HDPE Pipe)	
<b>ENGINE</b>			
Type		<b>DEUTZ</b>	<b>VOLVO</b>
Fuel		TCD 2013 L06 2V	TAD871VE
No of cylinders	pcs	diesel	diesel
Configuration		6	6
Displacement	l	inline-six	inline-six
Cooling		7.1	7.7
max. Power	kW/hp	liquid	liquid
Working rotational speed	rpm	200 / 272 @2300 rpm	185 / 252 @2200 rpm
Emission class		1500	1500
Electrical system	V	Stage III A flex / Tier 3	Stage IV / Tier 4f
Onboard control system		24 DC	
		Vietz VCU	
<b>BUTT WELDING MACHINE</b>			
Type		<b>McElroy</b>	
Pipe sizes (min. - max.)	mm	1236	
Available inserts*	mm	340 - 900	
Heater power	W	340   350   355   400   450   500   560   630   710   800   900	
Pivoting (Facing, Heating)		20461	
Cylinder force option		hydraulic	
		Medium force	
<b>GENERATOR</b>			
Electrical power	kVA	Three-phase synchronous brushless 4 pole	
Frequency @1500 rpm	Hz	45	
Hydraulic drive		50	
		Parker 90M055	
<b>COMPRESSOR*</b>			
Type**		<b>Rotorcomp screw compressor</b>	
Operating pressure air	bar / psi	EVO3-NK	
Volume flow	m <sup>3</sup> /min	10 / 145	
Air reservoir capacity	l	2,1	
Hydraulic drive		120	
		Parker F11-10	
<b>UNDERCARRIAGE</b>			
Track chain type		D4	
Top rollers   Bottom rollers	pcs	4   15	
Gauge	mm	5140	
Triple grouser shoes width	mm	600	
Ground pressure	kg/cm <sup>2</sup>	0,44	
Hill climbing capacity	°	30	
Low speed   High speed	km/h	1,8   3,1	
<b>TANK CAPACITY</b>			
Diesel	l	450	
Hydraulic	l	500	
<b>HEATABLE CAB</b>			
Rollover protection system (ROPS)		Standard	
Removal welding unit from cabin		Standard	
<b>AIR CONDITION</b>			
Under floor Condenser & Evaporator		<b>Konvekta Thermo Systems</b>	
Air volume	m <sup>3</sup> /h	B76 & R134a	
Cooling capacity	W	1800	
		9000	
<b>BASIC SPECIFICATIONS</b>			
Dimensions (L x W x H)	mm	17430 x 4000 x 3740	
Operating weight	kg	28000	
Transport dimensions (L x W x H)	mm	9940 x 3530 x 3680	
Transport weight	kg	25500	
Ambient temperature	°C	-20 ... +55	
Special Features		Pipe rotator front boom   Pipe feeder   Pipe centering   Rear view camera   Tinted windows   Two additional power outlets   FM Radio with MP3	
<b>Article no.</b>		<b>38502</b>	

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