



VENERONI

RKT

MOBILE PTO UMBILICAL CHOPPER PUMP



TECHNICAL FEATURES

FLOW RATE	330m³/h
HEAD	136m
MAX POWER	120kW
EFFICIENCY	72%



GREENCROP

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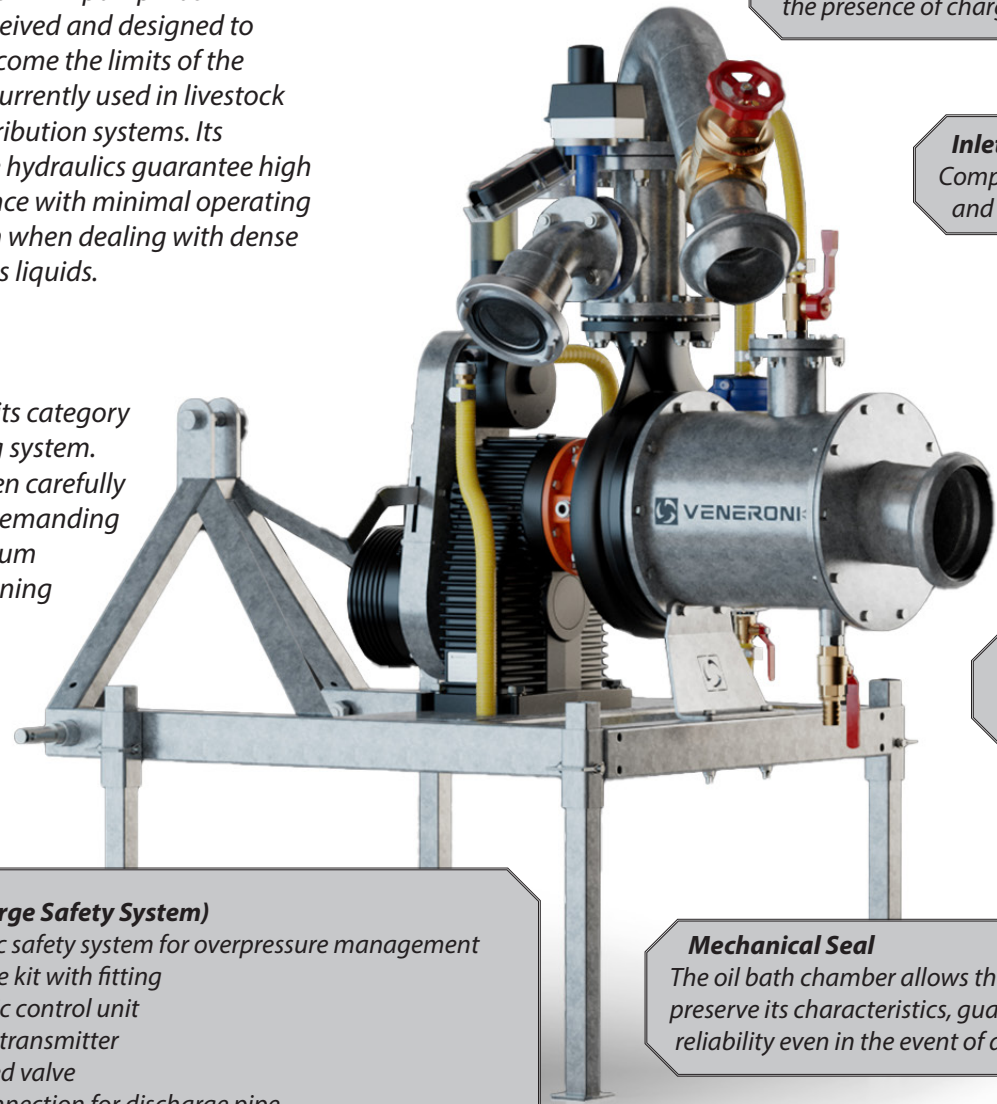
*All New Multiplier
Semi Automatic Priming
Easy Access Components*

High performance at low rotation speeds and reduced consumption; our new latest generation hydraulics offers optimal efficiency, thus guaranteeing high performance with the lowest possible operating costs due to the best hydraulic efficiency in its category.



The new RKT pump was conceived and designed to overcome the limits of the products currently used in livestock waste distribution systems. Its innovative hydraulics guarantee high performance with minimal operating costs, even when dealing with dense and fibrous liquids.

Due to the best hydraulic performance in its category and an innovative and effective shredding system. Each component of the RKT pump has been carefully studied and sized to withstand the most demanding working conditions, guaranteeing maximum reliability and durability, all while maintaining construction simplicity, which is a fundamental characteristic of our philosophy.



New Inducer Impeller
The inducer impeller with large free passages has been specially designed to guarantee high suction capacity and maximum yield even in the presence of charged liquids.



Inlet
Complete with non-return valve and set-up for priming system



Outlet
Complete unit with handwheel gate valve



DSS (Discharge Safety System)
An automatic safety system for overpressure management

- Complete kit with fitting
- Electronic control unit
- Pressure transmitter
- Motorized valve
- Storz connection for discharge pipe

The system requires setting a safety pressure above which the discharge of the sewage towards the collection tank is activated, thus ensuring the safety conditions of the entire system and avoiding any damage. Once the pressure returns to be lower than the safety pressure, the system returns to standard operating conditions by closing the drain.

Mechanical Seal
The oil bath chamber allows the mechanical seal to preserve its characteristics, guaranteeing maximum reliability even in the event of dry running of the machine.



New double shredding system
The synergy between the inducer, the radial blades and the shaving disc, combined with the absence of rotating parts in front of the impeller, creates a highly efficient system designed to ensure a constant flow to the suction and facilitate the pump priming phase.



Model	Overgear	Tractor RPM	Pump RPM	ltr/sec		8	17	25	33	42	50	58	67	75	83	92	Tractor Power (kW)	
				ltr/min	m ³ /h												92	5520
RKT100-H1	1:3, 41	850	2900	Hm (m)	P (kW)		136	74	78	83	88	94	100	106	112	119	135	
		810	2750	Hm (m)	P (kW)	122	122	67	71	76	81	86	92	95	86	76		120
	730	2500	Hm (m)	P (kW)	105	105	103	101	97	91	85	77	82	88	94			105
	640	2175	Hm (m)	P (kW)	76	76	74	71	67	61	55	46	37	71				80

DEALER STAMP:

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