

AR2000 SUPER RECYCLER PREHEATER/MILLER

Technical Specifications

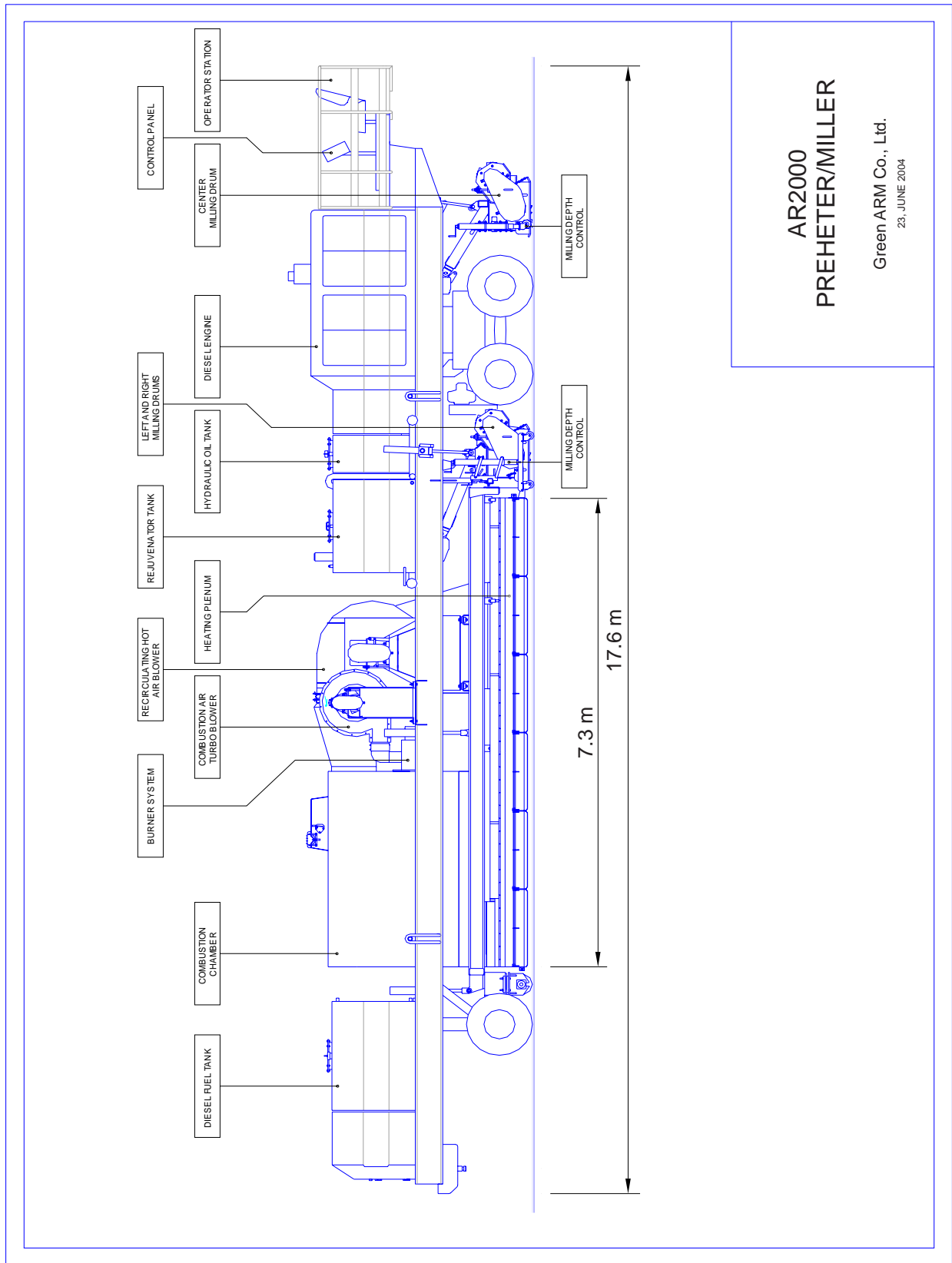


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Description	Value	Unit
Working Specification		
Working Width(*1)	max 4.0	m
Working Depth(*1)	max 50	mm
Working Speed(*1)	max 6.0	m/min
Width (*1): Maximum specification values are not worked simultaneously.		
Dimensions		
Operating Width	4.55	m
Operating Length	17.60	m
Operating Height	3.65	m
Transportation Width	3.00	m
Transportation Length	16.90	m
Transportation Height	3.20	m
Weight and Loads		
Operation Loads		
Front Axle Load	13,700	kg
Rear Axle Load	22,580	kg
Total weight (Approximate)	36,280	kg
Transport Loads		
Front Axle Load (Truck)	---	kg
Rear Axle Load	---	kg
Total Weight (Approximate)	31,450	kg
Engine		
Type	CAT3406A	
No. of Cylinders- Displacement	6 – 14.6	l
Power	297	kW
Engine Speed	1,600	min ⁻¹
Heating System		
Maximum Heating Width	4.4	m
Minimum Heating Width	2.95	m
Heating Bed Length	7.3	m
Discharge Air Temperature		
Temp. Limiter Setting	800	°C

Description	Value	Unit
Return Air Temperature		°C
Temp. Limiter Setting	480	°C
Burner	Hauck-HMC 1080	
Max. Heating Capacity	2 637	kW
Fuel Consumption at Max. Capacity	249	l/h
Combustion Turbo Blower	Hauck- TBAB1-070-270C	
Capacity	3,058	m ³ /h
Operating speed	3,500	min ⁻¹
Recirculating Hot Air Blower	Northern Blower- 3300	
Capacity	39,078	m ³ /hr
Operating speed	1,500	min ⁻¹
Travel Drive System		
Travel Speed (work mode)	12.0	m/min
Travel Speed (travel mode)	4.5	km/h
Gradeability for Travel	14	%
Gradeability for Operation	14	%
Minimum Inside Turning Radius	15.4	m
Minimum Outside Turning Radius	21.1	m
Wheel Base	10.8	m
Tank Capacity		
Hydraulic Oil Tank	1,000	l
Diesel Fuel Tank	3,200	l
Air Tank	20	l
Rejuvenator Tank	2,600	l
Milling System		
Milling Width-Adjustable	2.6 - 4.0	m
Milling Depth	0 - 50	mm
Milling Depth control	Automatic / Hydraulic	
Number of Milling Drums	3	
Total Milling Bits	274	
Front Left and Right Side Millers		
Milling Width	2*1,143	mm
Extendibility	700	mm

Description	Value	Unit
Milling Drum size	Ø583	mm
No of Milling bits (on each)	77	
Drum speed	88	min ⁻¹
Center Miller		
Milling Width	1,829	mm
Milling Drum size	Ø583	mm
No of Milling bits	128	
Drum speed	88	min ⁻¹
Adding System		
Metering Method	Computer Based Control and Monitoring System	
Rate Accuracy	---	l/m
Rejuvenator Heating System	Propane heater	
Rejuvenator Pump	Viking GX2-115	
Viscosity Range	3-5,500	cSt
Maximum Flow for Range of viscosity	36-14	l/min



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PREHEATER/MILLER
 Green ARM Co., Ltd.
 23, JUNE 2004