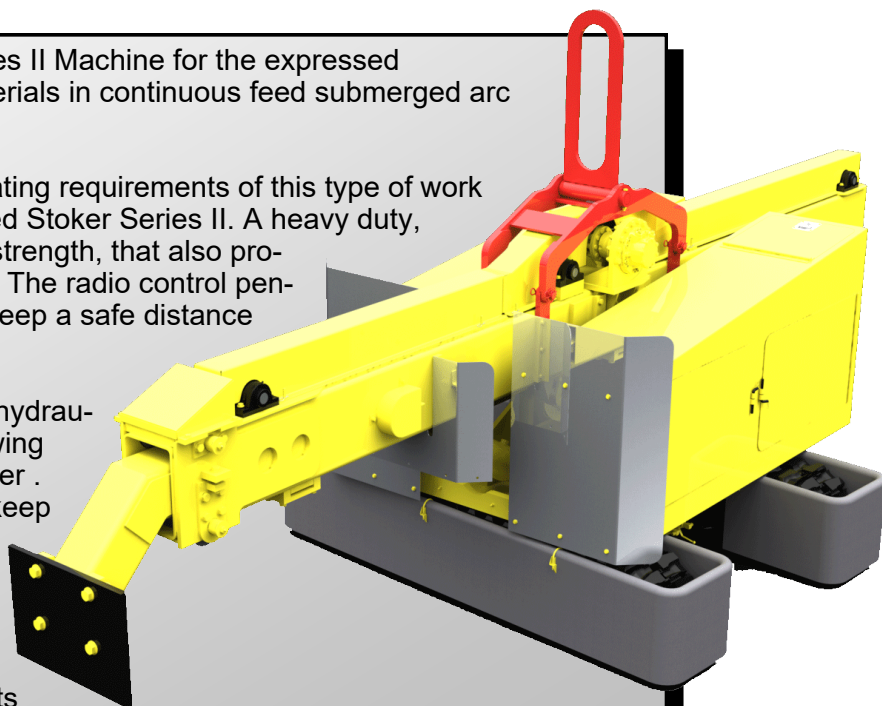


KT-Grant has developed the Stoker Series II Machine for the expressed purpose of stirring and mixing batch materials in continuous feed submerged arc furnaces.

The high temperature and extreme operating requirements of this type of work have brought about the ruggedly designed Stoker Series II. A heavy duty, steel body frame, gives durable integral strength, that also provides good balance and positive traction. The radio control pendant provides the operator the ability to keep a safe distance from the furnace.

A dependable electric motor powers the hydraulic system for independent track drive, swing motor, boom drive motor and hoist cylinder. The oversized hydraulic reservoir helps keep the hydraulic system running cool and efficient. The fast moving boom pushes material in the furnace quickly to reduce downtime. Heat shields on the front of the machine and a protective curtain around the track frames keep components safe from the extreme heat of the furnace.



## SPECIFICATIONS

### GENERAL

Machine length:	19'-7 3/4"	(5988 mm)
Boom stroke:	12'-9 1/4"	(3892 mm)
Tail swing:	5'-2 13/16"	(1595 mm)
Machine width with heat shields:	6'-3 11/16"	(1922 mm)
Machine height without lifting bail:	6'-2 1/4"	(1885 mm)
Boom Tilt:	+4°, -7°	
Floor to bottom of paddle:	2'	(609 mm)
Swing non-continuous:	284°	
Ground Clearance:	5-1/2"	(139 mm)
Tracks:	Independent bi-directional	
Travel speed:	2.3 MPH	(3.7 KPH)
Draw Bar Pull:	5,000 lb	(2267 kg)
Weight:	11,400 lbs	(5171 kg)

### HYDRAULIC SYSTEM

Pump :	Piston load sense, torque limiting
Operating pressure:	2000 PSI (137 BAR)
Track drive:	Independent Motor/Hub Wheel Drive, Two (2)
Boom hoist cylinder:	One (1)
Boom drive motor:	One (1)
Swing drive motor:	One (1)
Reservoir capacity:	120 GAL (454 L)
Hydraulic fluid:	As per customer requirements

### CONTROLS

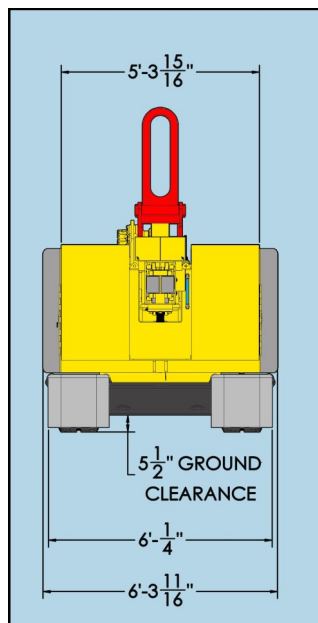
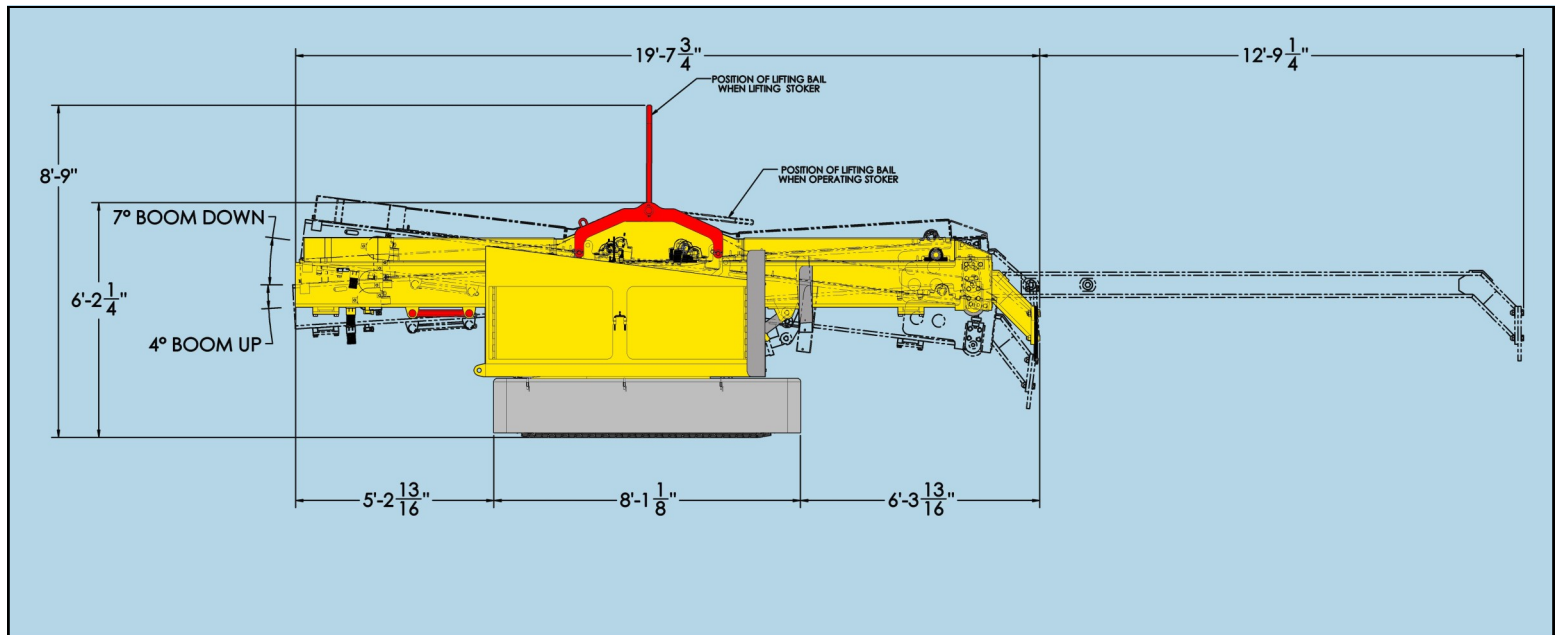
Radio Proportional Joystick Control

### MOTOR

Voltage:	460 VAC, 60 Hz, 3 Ph.
Output:	30 hp @ 1,800 rpm
Type:	286 TC Frame

# KT-GRANT

# STOKER SERIES II OPERATING SPECIFICATIONS



**3073 RT 66**  
**Export, PA 15632**  
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