

# **STOKAR<sup>®</sup>**

## **BUILT TO TAKE THE HEAT.**



---

For Stoking, Charging & Skimming Electric Furnaces.

---

# Built Rugged to Make Stoking, Skimming & Charging More Productive & Less Costly.



## ALL NEW STOKAR MODEL EH-90, BUILT SPECIFICALLY FOR THE DEMANDS OF ELECTRIC FURNACES.

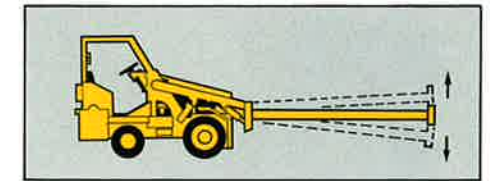
For more than two decades, leading metal producers world-wide have relied on the rugged dependability of the Stokar.<sup>®</sup> Electrically-powered and hydraulically-controlled, Stokar makes stoking/skimming/charging operations less costly but more productive.

Unlike gasoline, propane or diesel powered vehicles that were not designed for extreme operating and heat conditions, the Stokar is nearly indestructible and will not break down during a melt.

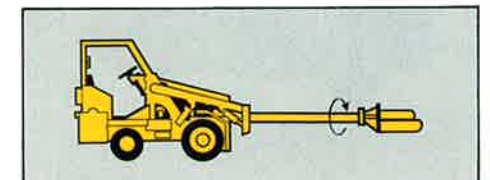
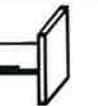
**That's why many are still in service after more than 20 years of operation.**

Now there's improved features; more operator comfort and less maintenance.

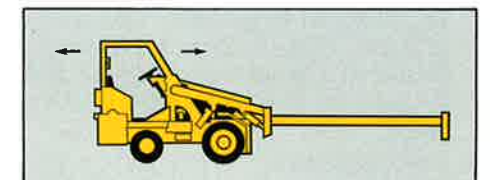
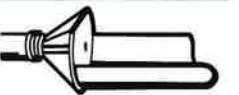
**BOOM AND ACCESSORIES:** The versatile Stokar can be fitted with various tools for increased productivity. Use the standard end plate for stoking and skimming, a modified end plate for specialized skimming, and the 180° rotating bucket for charging. Counterweight can be added to compensate for the tool being used.



STOKING



CHARGING

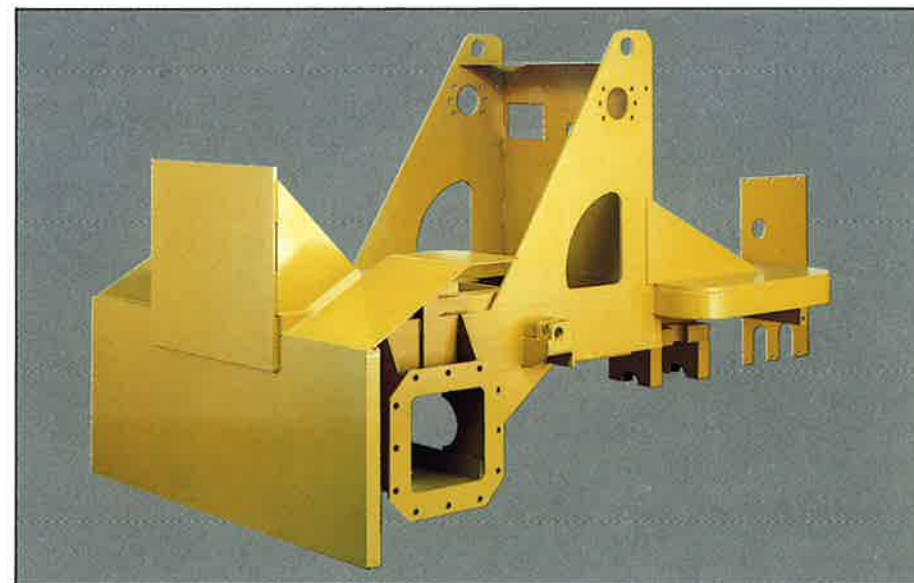


SKIMMING



## RUGGED HEAVY-DUTY MAIN FRAME IS VIRTUALLY INDESTRUCTIBLE!

The newly designed and engineered Stokar is more rugged and more dependable than ever. It's 10,550 lbs. of productive, tough machine. Its unitized main-frame is of all welded construction with hefty one-inch steel in all the right places.



Compare this to what you're presently using and you'll know why the Stokar out-lasts and out-performs other vehicles.

It has a wider wheelbase for greater stability, yet is so compact that it will maneuver easily in a 10 ft. radius. And on its solid heat-resistant rubber tires Stokar does the job efficiently and dependably, year after year.



**SIMPLIFIED CONTROLS:** All controls are hydraulic for ease of operation and reliability. Two push-button switches turn electric power on/off for easy control. One foot pedal controls hydrostatic drive for forward, reverse and speed. Convenient hand levers control the boom and accessories.



**PROTECTIVE CAB:** The large protective cab is designed for operator convenience and comfort. It's easily accessible, has an adjustable deluxe seat and adjustable steering wheel. It features a heat reflective wire mesh heatshield.



**RELIABLE POWER:** Stokar is powered by a reliable, totally enclosed fan cooled electric motor. Hydrostatic front wheel drive is uncomplicated, smooth and responsive.



## On the job... Worldwide

In any language, STOKAR means rugged, dependable, long-lasting service. In over 20 years, STOKAR has been in service around the world. Just ask these STOKAR users... they'll tell you why STOKAR is built to take the heat.

### BRAZIL

Italmagnesio SA  
Ferro Ligas Assofun SA

### CANADA

Elkem Metals Co.  
ERCO  
SKW Canada

### ICELAND

Icelandic Alloys

### MEXICO

Minera Autlan SA

### TURKEY

Habas Sinai Ve Tibbi Gazler

### U.S.A.

Alabama Silicon Metals  
Elkem Metals Alloy  
American Alloys  
Globe Metals Corp.  
Macalloy, Inc.  
SiMetco, Inc.  
SKW Alloys  
Tennessee Alloys

# Stokar® Model EH-90 General Specifications

## Electrically powered, hydraulically controlled with hydrostatic drive

### POWER:

Electric motor, totally enclosed, fan cooled, 25 hp, 1800 rpm, 460 volt, 3 PH, 60 HZ (standard): Optional voltages and motors available.

### POWER TRAIN:

HYDROSTATIC: High efficiency axial piston pump and bent axis motors with planetary reduction in front hubs. Pushbuttons disengage hubs. Neutralizing valve, cross port relief valves, and parking/emergency brakes standard.

### TRAVEL SPEEDS:

Forward and reverse, 5½ mph.

### HYDRAULIC SYSTEM:

- PUMP: Gear type, 10-gpm.
- VALVE: Spool type with built-in adjustable relief valve.
- FLOW DIVIDER: Pressure compensated, with relief valve.
- POWER STEERING: Rear wheels, non-feedback type.
- BOOM TILT: Four single acting hydraulic cylinders, all 4" bore.
- FILTER: Dual 10 micron.
- RESERVOIR: Electric welded with baffles and oil level indicator, 10 gallon.

### WEIGHT (Without Boom):

- Front drive axle—4,500 lbs.
- Rear steering axle—6,050 lbs.
- Total weight—10,550 lbs.

### WHEELS AND TIRES:

Drive wheels front, tires solid heat resistant rubber 7.50 x 16. Steering wheels rear, tires solid heat resistant rubber 7.00 x 12.

### OVERALL MEASUREMENTS:

- Width overall, front fenders, 5'2"
- Overall length, 11'6"
- Wheel base, 5'0"
- Height to operator platform, 2'2"
- Height to cable post, 9'0"
- Ground clearance, 7½"

### TURNING RADIUS:

Outside rear counterweight, 10'0"

### OPERATOR'S CAB:

- ON-OFF: Pushbuttons on dashboard.
- STEERING: Adjustable steering wheel position.
- SEAT: Deluxe adjustable, padded with back rest.
- DIRECTION & SPEED CONTROL: Single foot pedal, on pillow blocks.
- HEAT SHIELD: Heat reflective wire mesh on front and back of cab.
- JUNCTION BOX: Contains motor starter, fuses, heater coils, hour meter.
- ATTACHMENT CONTROLS: Convenient hand levers control the boom height and tilt, with charge bucket rotation control as an accessory.
- FAN: 12" Diameter fan, two speeds, keeps driver cool.

### ACCESSORIES (Optional):

Swivel reel and electric cable, red flashing light, counterweights, quick-disconnect receptacle, heat guards.

**MATERIALS AND SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE OR OBLIGATION.**



190 Simmons Avenue  
P.O. Box 10  
Pewaukee, Wisconsin 53072