

**MODEL 409**

**SCRAP  
WINDER**



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**SCRAP WINDER**

**MODEL 409**

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## **SCRAP WINDER**

### **MODEL 409**

### **CAGE TYPE**

#### **GENERAL DESCRIPTION**

The Model 409 Scrap Winder provides a means to remove the unusable steel cords remaining in a creel after completion of a creel run. The machine is usually installed inside the creel room at the forward end of the creel and mounted on rails to allow shifting from one creel row to another, if required.

#### **OPERATION**

Bundles of wire are initially pulled manually from the creel and are fed through the large eyelet at the front of the machine. The wires are then wrapped around the tapered wind-up drum (or “cage”) and are held in place by tucking the wires underneath the incoming wires during the forward jog sequence.

Once the wind-up drum is full the operator simply unscrews the handwheel and removes the end plate and pulls the wires off the wind-up drum.

#### **DRIVE SYSTEM**

The Scrap Winder is driven by an A. C. induction motor with variable speed motor controller and coupled to a gear reducer.

#### **MECHANICAL CONSTRUCTION**

The tapered wind-up drum (or “cage”) is attached coaxially to the cantilevered, driven main shaft, which is of heat-treated steel. The drum itself is fabricated to form a conical cage-like surface upon which the scrap wire is wound.

#### **SAFETY DEVICES**

The Model 409 is provided with a hinged guard interlocked to prevent operation when the guard is open. Also supplied is a fixed guard covering the mechanical drive.

Additionally, the 409 is equipped with safety ropes to stop operation in event of emergency.

## **UTILITIES**

Operation is on three phase electrical power, voltage specified by the customer.

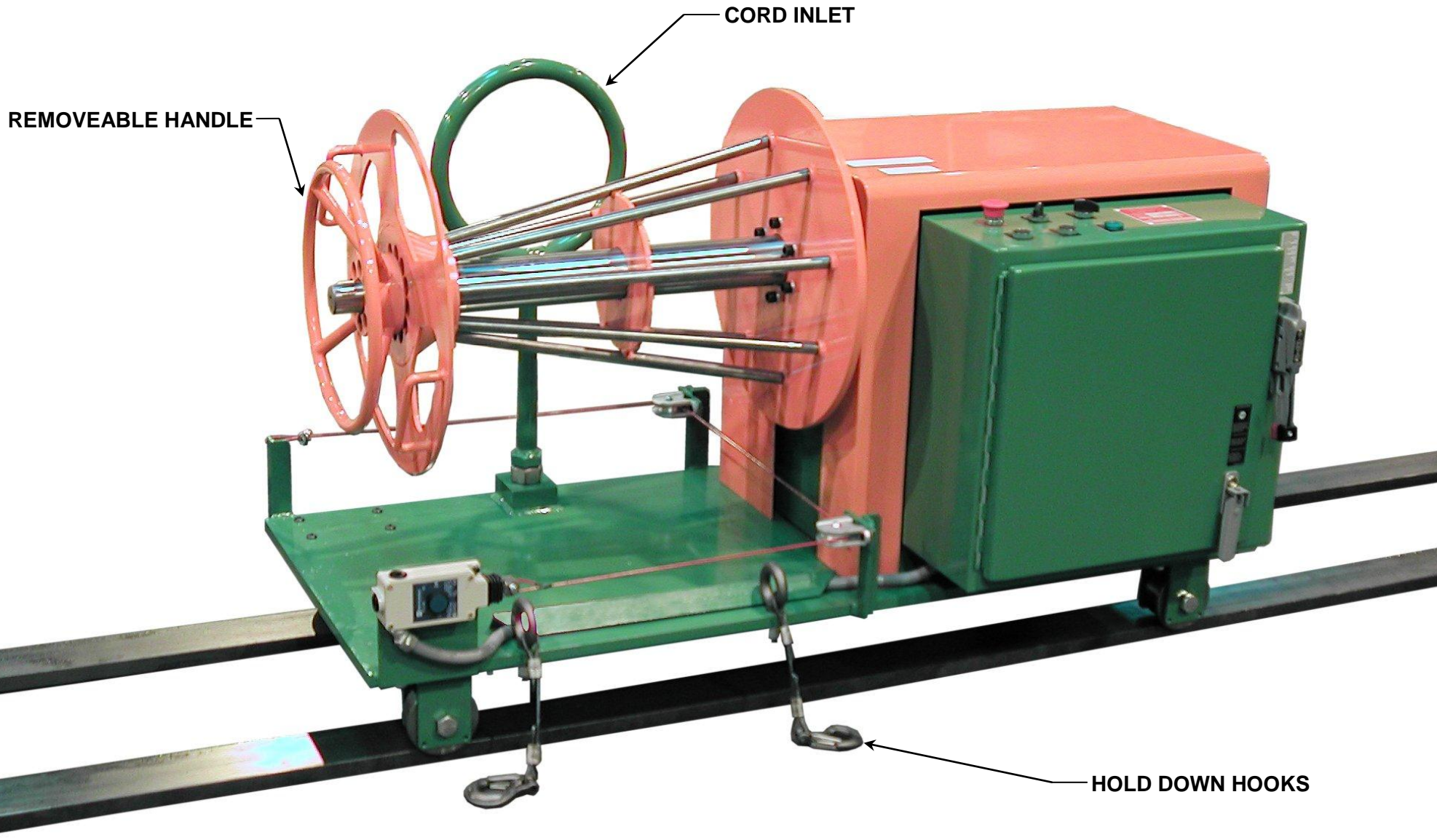
The power consumption is maximum 2 KVA.

## **MACHINE SIZE, OVERALL DIMENSIONS**

Length:	60 in.	(152 cm)
Width:	32 in.	(81 cm)
Height:	35 in.	(89 cm)
Net Weight:	1000 lb.	(454 kg.)

## **BOX SIZE**

Length:	70 in.	(178 cm)
Width:	40 in.	(102 cm)
Height:	42 in.	(107 cm)
Gross Weight:	1150 lb.	(522 kg.)



REMOVEABLE HANDLE

CORD INLET

HOLD DOWN HOOKS

GUARD NOT PICTURED.  
NOT AVAILABLE WITHOUT GUARD.

**MODEL 409  
SCRAP WINDER  
"CAGE TYPE"**

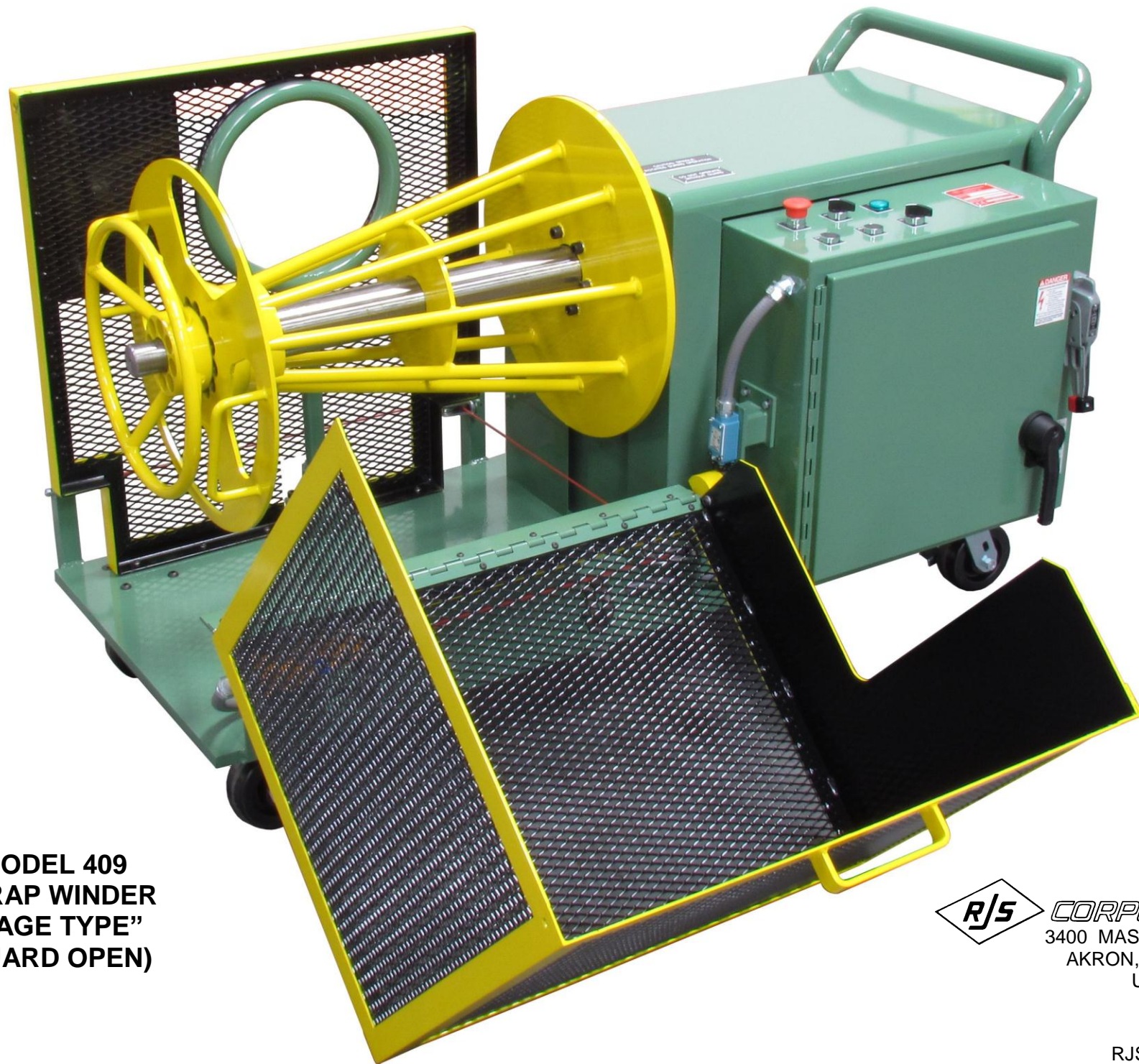
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**MODEL 409  
SCRAP WINDER  
"CAGE TYPE"  
(GUARD CLOSED)**

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RJS-409-GC-12



**MODEL 409  
SCRAP WINDER  
"CAGE TYPE"  
(GUARD OPEN)**



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