

Schlumpf Ergonomic Handling Systems



Shown with Turner Tooling & 3" Mandrel



**LIFT · TURN · TRANSPORT · LOAD · UNLOAD
· STACK · STORE · PACKAGE · PALLETIZE**

"Back Injuries - Nations Number One Workplace Safety Problem." The U.S. Department of Labor reports that more than one million workers suffer back injuries in the U.S. each year, costing industry billions of dollars on top of the pain and suffering borne by employees. Schlumpf Ergonomic Handling Systems will minimize or eliminate the risk of operator injury and maximize productivity and profits.

- Labor Saving
- Quick Change Attachments
- Made in U.S.A.
- Safe, Easy and Economical

Schlumpf's **ERH-500-P** portable electric handling machine is a versatile tool for many lifting applications. Designed for portability, ease of use and flexibility, the **ERH-500-P** gives operators a safe, cost effective alternative to "manhandling" valuable products. The **ERH-500-P** is supplied with a lifting capacity of 500lb (227 kg) and many different tooling options such as universal roll handling mandrels, spreader bars, lifting eyes, cradle platforms as well as custom designs. With Schlumpf's unique quick change tooling feature, lifting attachments can be changed without the need for tools.

In its most popular configuration the **ERH-500-P** is combined with roll handling mandrels and is used for palletizing, transporting and loading rolls of material by the core. Holding the rolls inside the core without contacting the valuable material reduces the risk of material damage saving your company money. Both the lifting and turning functions are powered and controlled by a simple push-button pendant eliminating the need to manually handle rolls and reducing the risk of injury to the operator. Standard roll handling mandrel sizes are in stock for both 3 inch (76.2mm) and 6 inch (152.4mm) ID cores and can be manufactured for sizes from 2.5 inch (50.8mm) and larger upon request.* The fail-safe gripper design of our mandrels hold securely at all times and can only be released by the operator. Once the load is supported, simply retract the mandrel grippers and extract the mandrel from the core.

With its maneuverable rugged design, quick change tooling feature and lift rating to 500 lbs (227 kg), the **ERH-500-P** is a safe, cost effective and adaptable solution for many difficult lifting applications.

** See **ERH-500-P** capacity chart for machine capacity for given roll dimensions.

*See our Mandrel information for gripping options and mandrel sizes.

ERH-500-P Electric Roll Handler

Standard Features:

User friendly design. Fast and easy to use for all operators and skill levels.
Quick-change 24 volt DC battery pack in rugged steel enclosure.
Quiet, high-speed lifting mechanism.
Micro pendant with feathered remote.
Ergonomic handlebar with pendant holder.
PLC microprocessor controls.
Pivoting tooling allows +/- 22.5° side to side movement of turner.
Adjustable front leg widths (factory set) for various straddle widths.
Large, easy rolling casters. Rear casters with brake.
Integral guarding and numerous safety features.
Rugged steel construction with powder coated finish.
Simple, low maintenance design.
Modular design. Custom configurations available.
Made in U.S.A.

Specifications:

Power supply: 24 volts DC with maintenance free batteries
Maximum load capacity: 500 lbs (227 kg)
Maximum clearance between legs: 48" (1219 mm)
Minimum clearance between legs: 34" (863 mm)
Lifting speed: 2.8" (71 mm) / second
Machine weight: 750 lbs (341 kg)

Options & Accessories:

Multiple tooling options.
Tall column. Up to 18" (457 mm) extended height.
Spare battery pack for continuous run time.
115 VAC or 230 VAC automatic battery chargers.
Spare mandrel holder.
Anti-telescoping attachment.
Expanding mandrels from 3" (76.2 mm) and up.
Adjustable core stop for mandrels.
Remote mandrel retract.
Counterweighted base.

Minimize Risk. Maximize Profits!

Distributed By:

Specifications and dimensions subject to changes without notice.
Consult Schlumpf for current drawings! Published 04-2005.



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