Serving you...Worldwide!

Schlumpf USA has invested more than $1 million in new facilities, production equipment and engineering support since 2008 with one goal in mind — To offer the highest quality products and the best service for our customers. Whether you’re around the corner or across the globe, you count on Schlumpf USA to solve your most challenging problems!

If these are your goals, no matter how challenging, you can count on Schlumpf USA to help you achieve them.

Problem Solved!

- Improve efficiency?
- Increase quality?
- Reduce equipment damage?
- Eliminate injuries?
- Lower production costs?

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Shaft Handling Solutions
**How To:**
1. Determine your initial requirements using the Application Guide to the right.
2. Review the information below for the type of equipment you may need.
3. Contact us with your application information for additional guidance.

**Quick Application Guide**

- **ESH-400-PEC** light-duty shaft handler with electric shaft clamp for shafts with weights to 60kg (135lbs).
- **ESH-1000-S** Heavy-duty fixed height shaft extractor for shafts with weights to 1100 lbs (500 kg) and lengths to 160” (4000 mm). Use in conjunction with lift table to adjust height.

**PORTABLE**

**STATIONARY**

**Tooling Features & Options**

- **376x389 to 671x615**
- **28x14 to 620x369**
- **17x297 to 188x514**
- **728x455 to 852x577**
- **1093x433 to 1207x604**
- **1054x167 to 1210x278**
- **690x152 to 831x255**
- **875x179 to 1010x296**

**Custom Handling Equipment**

Don’t see what you need? **Schlumpf** will custom design equipment to suit your exact requirements.

- **Speedy HSC** medium-duty shaft handler with hydraulic lift, electric drive and hydraulic clamp. Single-stage mast with 63” (1600 mm) lift OR Master HSC with two-stage mast with 98” (2500 mm) lift height.
- **Delta HSC** heavy-duty shaft handler with hydraulic lift, electric drive and hydraulic clamp. Single-stage mast with 63” (1600 mm) lift OR two-stage mast with 98” (2500 mm) lift height.
- **ESH-1000-HTB** Heavy-duty shaft extractor with horizontal transfer base for shafts with weights to 1100 lbs (500 kg) and lengths to 160” (4000 mm). A powered cart extracts the roll from the shaft.

**Manual, electric or hydraulic side shift** makes aligning the tooling with the shaft end fast and easy.

A laser projects a cross hair to the shaft end to help with rough alignment of height and position.

Swivel prevents binding in core when inserting and extracting.

Precision hydraulic controls for lifting and side shift allow movement in tiny increments for precise positioning.

A video camera offers a real time display of the exact position of the shaft end when clamping.

Long life industrial batteries with built-in chargers keep your machine running 24/7.

The heart of the Schlumpf shaft handling system is the powerful hydraulic clamp tooling, which holds the shaft securely for insertion and extraction.

While nothing is as fast as handling a shaft by hand, nothing is potentially more hazardous to employee health and safety. Schlumpf offers the best compromise between speed and safety. We offer a wide range of equipment and options to satisfy the most demanding applications.

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**Required Information**

- Do you have drawings of the shaft? □ Y □ N
- Max. Lifting Height: __________
- Min. Lifting Height: __________
- Machine Type: Unwind □ Rewind □
- Number of Roll Changes/Hour: __________
- Are there any overhead obstructions? □ Y □ N
- Are there any obstructions on the floor? □ Y □ N
- Exact shaft diameter: __________
- Exact shaft weight: __________
- Shaft body material: __________
- Shaft Diameter: __________
- Journal Length: __________
- Shaft Weight: __________
- Shaft Body Length: __________
- Overall Length: __________

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