

Schlumpf Ergonomic Handling Systems



Shown with 3" Mandrel

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



Large, ergonomic handles are provided for positioning the hoisted roll or the empty lifter.

- **Low Cost**
- **Quick Change Tooling**
- **Simple Function**
- **Made In U.S.A.**
- **Safe, Easy and Economical**

Schlumpf's **VRL-2200** provides a quick change mechanism for many lifting applications. Designed to hang from a standard hoist hook, **VRL-2200** can be combined with many standard and custom tooling options such as universal roll handling mandrels, spreader bars, lifting eyes and other custom designs. With the quick change feature and lifting ratings up to 2,200 lbs (1000kg), the **VRL-2200** is a flexible platform for many lifting applications.

The VRL's quick change housing design allows an operator to replace lifting attachments without the need for tools. Simply lift up on the spring plunger and swing open the locking plate and the tooling is easily removed from the housing.

When combined with standard and custom mandrels the **VRL-2200** can be used to lift rolls by the core for palletizing and transportation. By grabbing the rolls by the core and without contacting the rolled material, the **VRL-2200's** design allows rolls to be handled without risk of material damage associated with "manhandling" heavy rolls. 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 on a flat surface, simply retract the mandrel grippers and lift the unit out of the core.

* Overall lifting capacity based on tooling and hoist ratings.

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

"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.

VRL-2200 Vertical Roll Lifter

Standard Features:

- User friendly design.
- Fast and easy to use for all operators.
- Ergonomic design with comfortable handles.
- Quick-change tooling holder.
- Change mandrel sizes in seconds without tools.
- Rugged steel construction with powder coated finish.
- Simple, low maintenance design.
- Low ongoing operating costs.
- Flexible platform for many tooling options.
- Modular design
- Made in U.S.A.

Specifications:

- Maximum load capacity: up to 2,200 lbs (1000 kg)*
- Core diameters (see expanding mandrels)
- Machine weight: 9 lbs (4.1 kg)
- Shipping weight: 14 lbs (6.4 kg)
- Shipping dimensions: 13" (330 mm) W x 10" (254 mm) D x 26" (660 mm) L

*Subject to change depending on tooling.

Options & Accessories:

- Expanding mandrels 3" (76 mm) to 12" (304.8 mm).
- Pneumatic mandrel retract with switching.
- Core stops and extended mandrels for multiple rolls.
- Integrated hoist controls.
- Mounting brackets for hoist pendants & controls.
- Custom configurations available.

Minimize Risk. Maximize Profits!



innovation. performance. quality.

Distributed By:

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

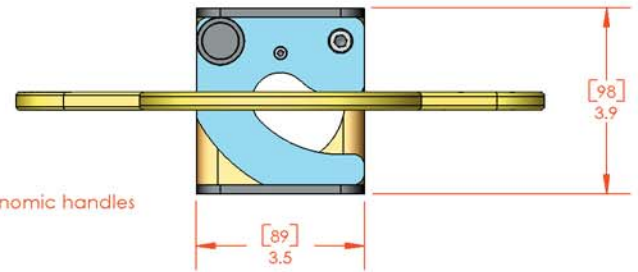
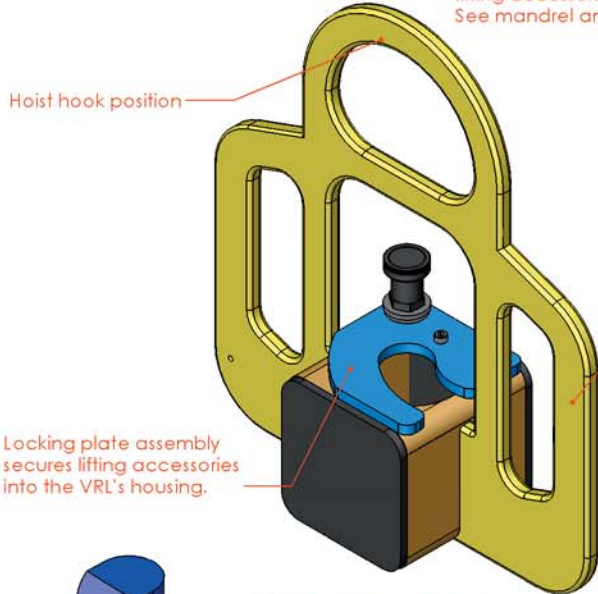


*Upon Request

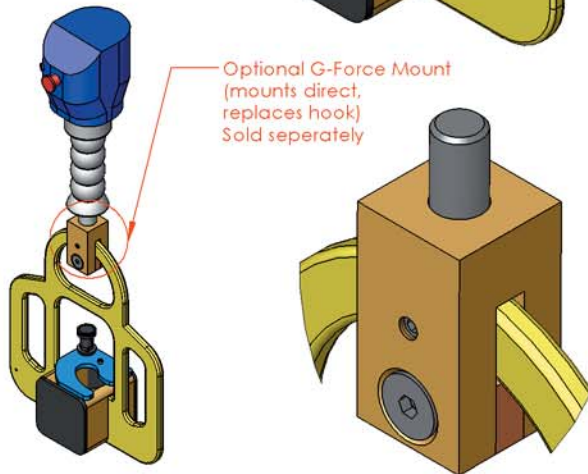
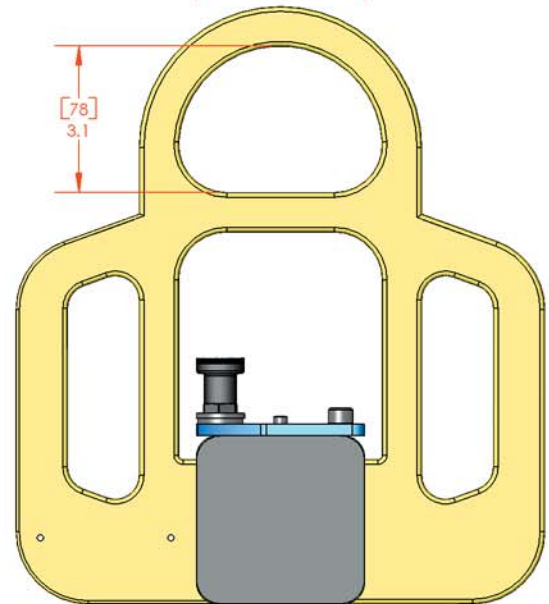
-Dimensions subject to change
 -Custom configurations available

The VRL-2200 accepts interchangeable lifting accessories to handle a variety of products. See mandrel and tooling options page for details.

The VRL-2200 is a vertical roll lifter and has a maximum load rating of 2200lb (1000kg). Specific machine capacity is determined using the roll weight and dimensions for each application and may limit capacity to less than maximum load rating.



Locking plate assembly secures lifting accessories into the VRL's housing.



Approx. weight 9 lb. (4.1 Kg.)
 *Does not include lifting accessory.

VRL-2200 with examples of lifting accessories.

