



Onsite Equipment Manufacturing

www.floorscrapers.com

info@floorscrapers.com

Tel: 630.293.4000

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# WORKHORSE SSA

## Quick Start Guide

### STEP 1 – Unpackaging

Recommended Tools:

- Safety Glasses
- Safety Gloves
- Metal shears
- Utility knife
- 1-1/8" torque wrench or cordless impact wrench – included with some models

1. Unpackage ONLY ON LEVEL GROUND -- **TIPPING CAN CAUSE SERIOUS INJURY.**
2. Remove shrink-wrap.
3. Cut tie-bands that hold Workhorse SSA onto shipping pallet – **USE CAUTION WHEN CUTTING BANDS.**
4. Remove any additional packages and loose accessories (if included) prior to removal from pallet.  
**Do not remove the BLADE HOLDER ASSEMBLY at this time.**
5. Using the Skid Steer, approach cautiously and connect the QUICK ATTACH PLATE to the RECEIVER of the Workhorse SSA.
6. Engage Skid Steer LOCKING PINS to Workhorse SSA RECEIVER.
7. Lift assembly slowly and remove from pallet.



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### STEP 2 - Blade Holder & Blade Installation

Recommended Tools:

- Safety Glasses
- Safety Gloves.
- 1-1/8" torque wrench or cordless impact wrench – included with some models

1. Raise the Workhorse SSA off the floor to allow for easier access.
2. The BLADE HOLDER ASSEMBLY must be installed and secured into one of the three (3) tubes with the locking pin. Lubricate the shaft with grease before inserting into chosen tube.

**CAUTION: The 24" BLADE HOLDER ASSEMBLY is heavy – 45kg (100 lbs.)**

3. Blade Installation – **CAUTION: BLADES ARE EXTREMELY SHARP AND SHOULD BE HANDLED WEARING CUT RESISTANT SAFETY GLOVES**

**Recommended procedures:**

- i. Using a 1-1/8" size wrench, loosen the four (4) bolts by turning them counterclockwise approximately 2 turns. Do not remove the bolts. Removal of the bolts can cause the BLADE HOLDER CLAMP to be insecure and potentially cause injury.
- ii. Insert and center the blade with the sharp edge out and the ground edge up. **CAUTION: KEEP FINGERS AND BODY PARTS AWAY FROM SHARP EDGES OF BLADE**
- iii. Using the 1-1/8" size wrench, carefully tighten the four (4) bolts by turning them clockwise and applying no more than 890 ft. N (200 ft. lbs.) of torque.

**WARNING: Never pull or push the wrench toward the sharp edge of the blade...ALWAYS work away from the blade's sharp edge!**



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### STEP 3 – Operation

Recommended Tools:

- Safety Glasses
- Safety Gloves
- 1-1/8" torque wrench or cordless impact wrench

#### 1. Recommendations and Tips:

- i. Start scraping with Workhorse SSA in full back position/hydraulic cylinders retracted.
- ii. The Workhorse SSA's starting angle is approximately 30 degrees when the Skid Steer's tilt function is in the full back position. **This is an optimal starting angle for scraping.**
- iii. Tilt Workhorse SSA in small increments to obtain a sharp edge on the blade to make removal of floor product easier.
- iv. As blade edge wears, TILT scraper to enhance scraping action.
- v. Steep angles of tilt can cause premature blade failure and reduce visibility of area being scraped.
- vi. Grinding the blade edge is not necessary. Raise the Workhorse SSA up and ROTATE the blade holder assembly 180 degrees to achieve a new scraping edge on the blade. Start again in full back position/hydraulic cylinders retracted.

2. Lubrication of BLADE HOLDER SHAFT should be done daily.

3. Remove scraping blade before moving or changing BLADE HOLDER ASSEMBLY.