

### SAS™ SCORPION™ ENGINE PULLER FOR AUTO RECYCLERS



Made in USA



#### INCREASE CASH RECOVERY FROM YOUR RECYCLING OPERATIONS.

##### FAST & SIMPLE INSTALLATION

- Fits direct pin mount machines and quick coupler machines
- Only requires 1 auxiliary spool

##### GENERATE REVENUE:

- Process end of life vehicles in less than 60 seconds.\*
- Pull scrap engines and transmissions in 30 seconds.\*
- 30%\* more revenue by separating metals from bodies.
- 1000%\* more revenue per lb. on wire harness from engine compartment & dash.
- 80% more visibility with a direct line of site from the operator's window through the forks.
- Cycle time less than 15 seconds from park to full extension.\*
- Serviceable for long life. Replace blades in 3 hours or less on Class 30 Scorpion.



##### ENGINEERED & BUILT FOR OPTIMUM PERFORMANCE:

- ENGINEERED TOUGH for continuous prying & durability.
- Hardened pins and bushings and grease-able pivot points for extend service life.
- Hydraulic hoses & cylinders are protected to minimize potential damage from sharp objects.
- Built with high strength blades & Class 30 Scorpion has carriage skid plates for extended service.
- Clean up of ground debris is a snap with center plow blade.
- Speed is paramount in this design. Operator uses grapple from the cab, no torches, no personnel needed to hook up chains to pull or move engines. Safer, quicker & less costly removal of engines & transmissions.

**SAS FORKS are trusted to handle over 12 Million lifts annually!**

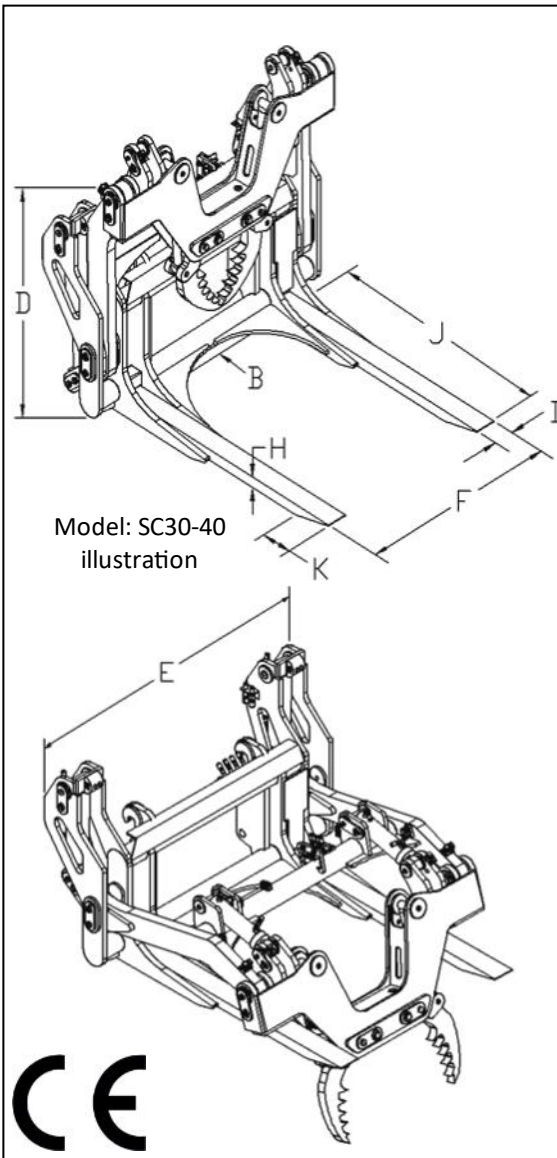
##### VIDEO ONLINE:

- [www.sasforks.com/scorpion](http://www.sasforks.com/scorpion)

##### BEST SUITED FOR:

- Wheel loader with 3rd hydraulic spool controlled by separate lever, 2,500-4,000 PSI, 15-40 GPM, ≥3/4" ID lines
- 22,500 to 29,999 lbs. wheel loader curb weight; Class 20 (attachment 5,250#) (blade cap. 22,500# @2' L/C)  
Class 20 attachment width limits: Pin Mount 45" Max. outside to outside on machine arm pin bosses. Quick Coupler frame 48" Max. outside width.
- 30,000 to 39,999 lbs. wheel loader curb weight; Class 30 (attachment 6,450#) (blade cap. 27,400# @2' L/C)  
Class 30 attachment width limits: Pin Mount 55" Max. outside to outside on machine arm pin bosses. Quick Coupler frame 58" Max. outside width.
- 40,000 to 49,999 lbs. wheel loader curb weight; Class 40 (attachment 7,000#) (blade cap. 34,200# @2' L/C)  
Class 40 attachment width limits: Pin Mount 55" Max. outside to outside on machine arm pin bosses. Quick Coupler frame 58" Max. outside width.  
(\*estimated only)

# SCORPION™ ENGINE PULLER FOR AUTO RECYCLERS



Model: SC30-40 illustration

Item	CLASS 20	CLASS 30	CLASS 40
A-Wheel Loader Curb Weight kg:	10-13,599	13-17,999	18-22,600
lbs:	22—29,999	30—39,999	40—49,999
<b>B-EXTRA WORK</b>			
Center Clean Up Plow	yes	yes	yes
Side Pressure Plate	no	yes	yes
<b>C-EXTENDED SERVICE</b>			
Carriage Skid Plates	no	yes	yes
<b>D-LOAD TIP BACK PROTECTION (60")</b>			
Back Height	1500 mm	1500 mm	1500 mm
<b>E-LOAD STABILIZATION (70")</b>			
Overall Width	1800 mm	2133 mm	2133 mm
<b>F-Fork Spacing (63")</b>			
Outside to Outside (fixed)	1600 mm	1525 mm	1525 mm
<b>G-Blade Solid Steel A514</b>			
<b>H-Blade Thickness x Width</b>			
	75x180mm (3"x7")	75x150mm (3"x6")	88x150mm (3.5"x6")
<b>J-Blade Useable Length (84")</b>			
Measure carriage vertical face to tip.	2133 mm	2133 mm	2133 mm
<b>K-Blade Taper Length (10")</b>			
	250 mm	300 mm	300 mm
<b>L-Blade Taper Facing up /or/ down</b>			
	down	down	down
<b>M-Installation Pins no</b>			
	no	no	no
<b>N-Color yellow</b>			
	yellow	yellow	yellow
<b>O-Electrical Requirements 24 volt</b>			
	24 volt	24 volt	24 volt
Special order Option __ 12v			
<b>P-Joystick Configuration Std /or/ Int</b>			
	Std /or/ Int	Std /or/ Int	Std /or/ Int
<b>Q-Hydraulic Requirements existing on loader:</b>			
-Separate "Std" auxiliary control lever. (Machines with single joystick integrated "Int" with 1st, 2nd & 3rd spools <b>require engineering review, special quote &amp; extra costs</b> )			
-Minimum pressure: 17 MPa (2,500 PSI) & 57 l/min (15 GPM), Max 27 MPa (4,000 PSI).			
-Recommended 24 MPa (3,500 PSI) & 113 l/min (30 GPM), 20 mm (3/4") diam. lines.			
-Min 20 mm (3/4") inside diameter auxiliary lines to front of loader arms			
-Customer to provide hoses from machine to Scorpion.			
<b>Customer Sign X: _____ Date: __/__/__</b>			
<b>Print Dealer Contact Person: _____</b>			
Measurements may vary for engineering, if critical please note as "critical".			

**Contact:**

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0-SC BWQ#

**CAPACITY CONSIDERATIONS** Load Center: \_\_\_\_\_

Machine capacity? \_\_\_\_\_ # @ \_\_\_\_\_

Max Load desired? \_\_\_\_\_ # @ \_\_\_\_\_

Machine curb weight? \_\_\_\_\_ #

**TOOL OR PALLET POCKET RESTRICTIONS**

Pocket Spacing: Outside to outside \_\_\_\_\_"

Pocket Opening: Height \_\_\_\_\_" Width \_\_\_\_\_"

**MACHINE:** Make \_\_\_\_\_ Model \_\_\_\_\_

Voltage  24 Volt  12 Volt

"Std" 3rd Spool Separate Lever .....  Yes  No

"Int" Integrated 1, 2, & 3rd Spool Joystick  Yes  No

Attachment:  3 Pin,  4 Pin,  Quick Coupler:

Mfg \_\_\_\_\_ Series \_\_\_\_\_ S/N \_\_\_\_\_



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