



EXTRACT REVENUE FAST

SAS™ SCORPION™ ENGINE PULLER FOR AUTO RECYCLERS



Class 20



Made in the USA



Class 30

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!

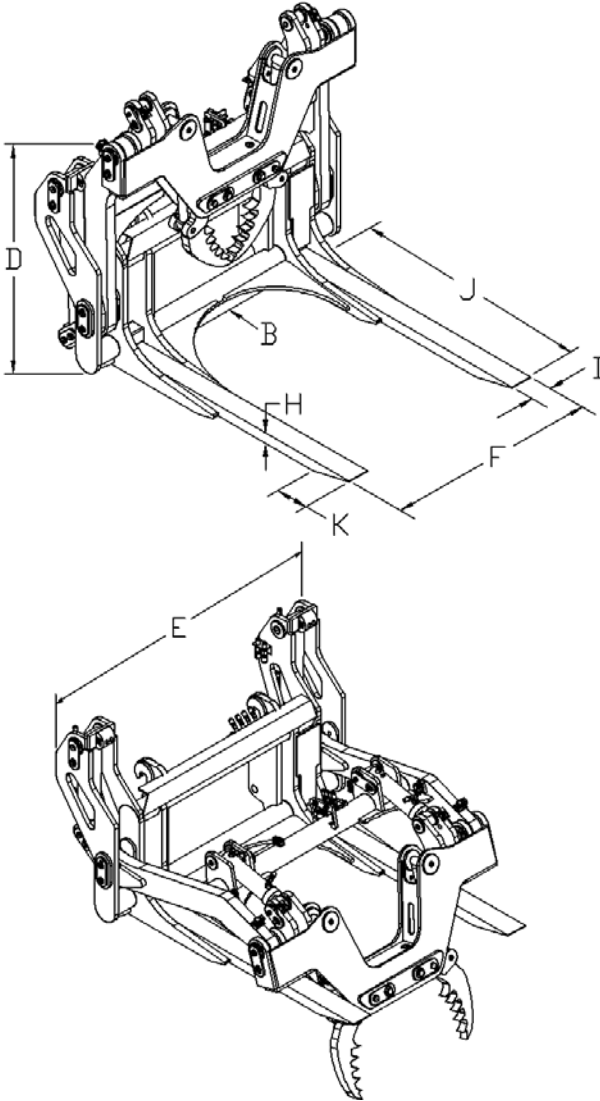
BEST SUITED FOR:

- Wheel loader with 3rd hydraulic spool controlled by separate lever, 2,500-4,000 PSI, 15-40 GPM, $\geq 3/4$ " ID lines
- 30,000 to 48,000 lbs. wheel loader curb weight; Class 30 (attachment 6,050#) (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 Brackets 51" Max. outside to outside
- 22,500 to 29,999 lbs. wheel loader curb weight; Class 20 (attachment 4,500#) (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 Brackets 41" Max. outside to outside
(*estimated only)



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Item	CLASS 30	CLASS 20	Options
A-Wheel Loader Curb Weight	30-48k#	22-29k#	
B-Center Clean Up Plow	yes	yes	
Side Pressure Plate	yes	no	
C-EXTENDED SERVICE			
Carriage Skid Plates	yes	no	
D-LOAD TIP BACK PROTECTION			
Back Height	60"	60"	
E-LOAD STABILIZATION			
Overall Width	84"	70"	
F-Fork Spacing	60"	63"	
Outside to Outside (fixed)			
G-Blade Solid Steel	Forged	A514	
H-Blade Thickness x Width			
3x6 blades: Loader 22-35K#	3"x 6"	3"x 7"	
3x8 blades: Loader 36-48K#			3"x 8"
J-Blade Useable Length	84"	84"	72"
<i>Useable Length Measured from vertical face of the carriage to the tip.</i>			
K-Blade Taper Length	12"	10"	
L-Blade Taper Facing	down	down	up
M-Installation Pins	no	no	yes
N-Color	Yellow	Yellow	
O-Electrical Requirements:	24 volt	24 volt	12 volt
<i>Space needed inside cab to accommodate 6" x 8" x 4" control box.</i>			
P-Hydraulic Requirements existing on loader:			
-Separate auxiliary control lever in cab.			
-Min 2,500 PSI & 15 GPM, Max 4,000 PSI. Recommended 3,500 PSI & 35 GPM			
-Min 3/4" inside diameter auxiliary lines to front of loader arms			
-Customer to supply hoses from machine to Scorpion.			
Customer Sign X:	_____ Date: ___/___/___		
Print Dealer Contact Person:	_____		
<i>Measurements may vary for engineering, if critical please note as "critical".</i>			

Contact:

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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 _____
Serial # _____
Voltage 24 Volt 12 Volt
Existing 3rd Spool Separate Lever Yes No
Attachment: 3 Pin, 4 Pin, Quick Coupler:
Mfg _____ Series _____ S/N _____