

SAS™ Extreme™

Auto Processing

INCREASE CASH RECOVERY FROM FULLY PROCESSING SCRAP AUTOS

Best suited For:

- Rotational industrial equipment with boom arm. (i.e. crawler excavator, wheeled excavator, materials handling)
- Two auxiliary hydraulic functions plumbed to the end of the stick for rotating head with jaws:

Part	Circuit	Flow to Tank	Mpa/Psi	L/min
Grapple	Bi-directional fluid circuit	Return not free flow to tank	31/4,500	130 (35gpm)
Rotator	Bi-directional fluid circuit	Return not free flow to tank	31/4,500	50 (13gpm)

- One auxiliary hydraulic function plumbed to the undercarriage (such as existing dozer or downriggers)
- Operating weight of 20 metric tonnes
- Operating cab should have safety glass windshield and protective steel mesh to undercarriage (such as existing dozer or downriggers)

Fast & Simple Installation

- Holds down arms engineered to pin to existing dozer mount and use existing undercarriage hydraulics*.
- Grapple of SAS™ EXTREME™ scrap metal recovery attachment pins directly to factory stick mount.

Extract More Pounds & Generate Maximum Revenue

- Garner more pounds of precious metals such as copper from wiring, radiators, heater cores, alternators, starters. Aluminiums from condensers, a/c evaporators, intake manifolds.
- Engines and transmissions

Engineered & Built For Optimum Performance

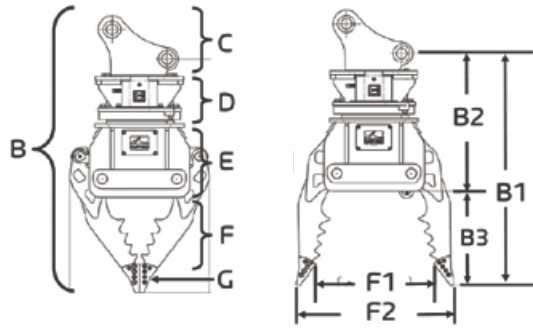
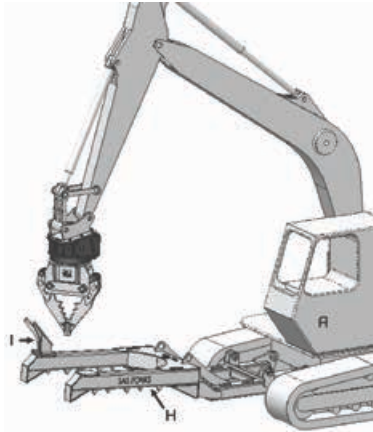
- Rotating head with patented jaws that provide combinations of the following:
 - Aggressive teeth for engine pulling.
 - Needle nose type tip for wire harness retrieval.
 - Penetrate tight areas with speed & accuracy with streamlined smooth exterior shape.
 - Replaceable needle nose tips (patent pending).
 - Hardened pins and bushings and grease-able pivot points for extended service life.
 - Hydraulic cylinder on rotating head is protected to minimise potential damage.
 - Wire stripper 'V' to clean up harnesses.



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Item	Description	Standard	Options
A	Excavator weight 15-22 metric tonnes	16-24 US ton	-
B	Head assembly weight (estimated) grapple & rotator	1,400 kg	-
B1	Total head height	1,700mm	-
B2	Stick mount and rotator	1,000mm	-
B3	Jaw opening	700mm	-
C	Stick mount	Yes	-
D	Rotator subassembly Rotator hydraulic fitting type Hydraulic required: Max 31 MPa (4,500 psi) Max 50 L/min (13 gpm)	Yes #12 JIC	- -
E	Heavy duty protective cylinder enclosure Jaw synchronization parallel action bar Hydraulic required: Max 31 MPa (4,500 psi) Max 130 L/min (35 gpm)	Yes Yes	- -
F	Patented jaws (Patents D672, 369 & US D704, 752S)	Yes	-
F1	Inside jaw opening	878mm	-
F2	Outside jaw reach	1,174mm	-
G	Replaceable tips (patent pending)	Yes	-
H	Hold down arms (patent pending) Weight (estimated)	Yes 1,400kg	- -
H1	Fixed outside width	1,600mm	-
H2	Fixed inside work space width	1,200mm	-
H3	Range of lift motion	0 - 1,800mm	-
H4	Individual arm size	200 x 250mm	-
H5	Arm reach	2,000mm	-
I	Wire harness stripping-v	Yes	No
J	Installation pins	No	Yes
K	Colour	Yellow	-

L Hydraulic requirements existing on equipment
2 bi-directional hydraulic functions plumbed to end of stick
Existing dozer with cylinders for mounting hold down assembly arm
*Customer responsible for labor, hoses, modifications to pressure, valves, cylinders or other work required for excavator to properly operate.



www.sasforks.com

Machine Make Model

Machine weight? Metric tonne US ton

Serial #

Existing carriage hydraulic dozer? Yes No

Existing one auxiliary spool on stick Yes No

Existing two auxiliary spools on stick (aux. spools can not include pin grabber pilot) Yes No

Attachment: 2 pin, Quick Coupler:

Mfg Series S/N

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