

# AMS Series™

Allied's AMS Series Mobile Shears



## The AMS Series Mobile Shears pack up to 1,600 tons of cutting force.

The Allied AMS Series mobile shears are specifically designed and built for scrap processing, industrial contracting and demolition applications. Using maximum tons of cutting force, the AMS Series improves your scrap and demolition production with increased cutting and piercing ability. Featuring fast cycle times, all four AMS Series models have substantially lower operational costs due to less welding build-up and hardfacing.

**Upper Jaw** is made from a solid one-piece rolled plate made from 150,000 psi impact abrasion-resistant U. S. milled steel (up to 50% stronger than T-1 steel)

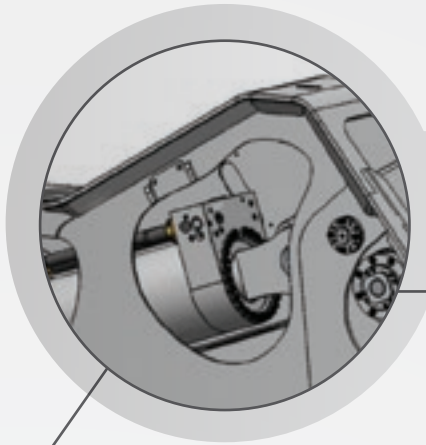
**Angled Piercing Tip** allows for easier material penetration ("blade-on-blade" design reduces maintenance costs)

**Indexable Blade Wear System**  
(blades rotate and interchange for maximum blade usage)

Durability and reliability are built into every AMS Series model using the highest quality materials while undergoing the toughest factory testing for quality control. Key features of the AMS Series are:

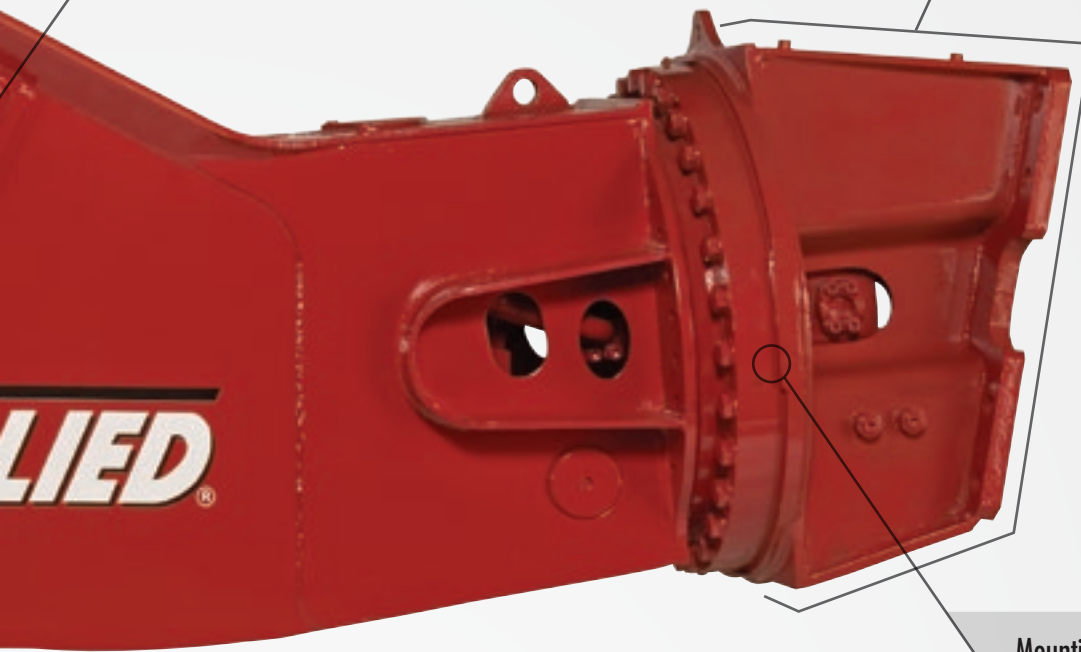
- Increased main pin diameter allows for greater cutting force
- Fast cycle times from an integrated speed valve mean lower costs per ton
- Increase speed on 360° rotation offers greater operator flexibility
- Four-way indexable cutting blades can cut on all four cutting edges
- Bolt-on bracket allows for mounting on most excavators
- Integrated speed valve is more compact and is comprised of only 13 parts
- Manufactured with lightweight Weldox 900 material increases strength and fuel economy
- Auto-guide mechanism delivers force on upper jaw preventing flexing
- High-top design protects the cylinder from debris





**High-Performance Speed Valve** reduces shear cycle time by 35%-40% (the valve is directly mounted to the cylinder and has large exhaust ports with a low back pressure design)

**Mounting** is made easy with the unique bolt-on mounting brackets (easily converted from different mounting options including 2nd Member and 3rd Member)



**Mounting** can be optional as the design allows for quick and easy conversion from a rotation system to a non-rotation system

**Main Pivot Shaft** is heat-treated and machined to precise tolerances (heavy-duty, wear-resistant pivot wrap goes around end-cap)

The AMS Series mobile shears easily handle material processing applications including:

- Ferrous and Non-Ferrous Scrap Processing
- Auto and Truck Dismantling
- Civil and Industrial Demolition
- Tank and Silo Dismantling
- Wire and Pipe Processing
- Wheel and Tire Processing
- Railroad Car Processing
- Ship Breaking

Whether your job application calls for scrap processing, road and bridge reconstruction or demolition, one of the Allied AMS Series mobile shears provide unmatched performance for your job.

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## AMS Series Specifications

Model		AMS-30	AMS-30R	AMS-40	AMS-40R	AMS-50	AMS-50R	AMS-100	AMS-100R
Weight	lbs.	6,900	7,914	8,300	9,788	11,910	14,000	15,200	18,300
Minimum Excavator Weight 2nd Member (Boom)	lbs.	35,000	44,000	50,000	55,000	55,000	67,000	74,000	100,000
Minimum Excavator Weight 3rd Member (Stick)	lbs.	55,000	70,000	75,000	90,000	98,000	110,000	140,000	170,000
Overall Length	in.	104	129	118	143	132	157	157	190
Jaw Opening	in.	24	24	30	30	31	31	37	37
Jaw Depth	in.	21	21	25	25	28	28	36	36
Cutting Force									
Tip*	tons	187	187	201	201	240	240	290	290
Apex*	tons	355	355	382	382	467	467	560	560
Throat*	tons	795	795	973	973	1,144	1,144	1,600	1,600

\*All specifications are based upon 5,500 psi and are shown in US tons.



## Appetite Chart

Model		AMS-30	AMS-40	AMS-50	AMS-100
Solid Rod	in.	2.36	2.75	3.15	3.93
I-Beam	in.	14.00	17.71	23.62	29.52
H-Beam	in.	9.45	11.81	14.17	21.63
Plate	in.	0.55	0.67	0.79	1.18
Solid Square	in.	2.00	2.36	2.80	3.54
Concrete	in.	16.00	21.00	26.00	30.00

For sales and service, contact your Allied Distributor:



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