



TAURUS BLULINE

THE LARGEST RANGE OF SHEARS AND BALERS



TAURUS has overhauled and updated their entire range of shear balers under the new **BLULINE** brand. The range includes: stationary, double framed, mobile and transportable shears and balers. The traditional two wing shears and balers with the patented over stroke on both wings have been revised to meet the demands and needs of operators and steel mills. The new **TAURUS BLULINE** shear balers provides: greater shear force (from 500 tons up to 2000 tons); and even more Hardox hardened steel. All new features such as a camera fitted behind the main pusher ram to allow real time visual monitoring (optional). Visual monitoring of this area immediately alerts the operator if scrap becomes trapped behind the main ram and allows to react quickly to remove the obstruction before any damage is done to the ram or cylinder. Along with many new performance improving features **TAURUS BLULINE** shears and balers continue to use the tried and trusted components which have made **TAURUS** the number one choice around the world, such as:

Shear head automatic grease distribution system: Providing even distribution of grease to the shear head minimising wear and tear.

Chevron sealing rings: These seals are designed with preloaded radial lips to provide good sealing results. They are very robust and insensitive to sealing surface finish. Chevron seals are especially suited to applications where there is a risk of damage and contamination.

Wear liners: All parts in the areas where wear is critical are made of Hardox highly wear-resistant steel. Wherever it is possible, the wear liners are bolted on to allow simple replacement.

«CSA» Cylinders shock absorber (patent pending): These shock absorbers: reduce the vibrations generated while the wings are compacting scrap. They also allow faster opening and closing of the compression wings.

Touch screen: The Intelligent Control System constantly monitors and optimizes the compression and shearing process. The control system minimizes downtimes, maintenance can be planned in advance and performed in a labour-saving manner. Numerous programs for different types of scrap can be selected at the push of a button, including: full stroke, partial stroke, relative stroke and, of course, baling.

IDS - Inductive distance sensors: The IDS sensors monitor the correct position of the main compression cylinder and unlike conventional mechanical proximity switches they are not prone to damage from falling scrap.

KNEE (patent pending): A toggle device with rotary encoder is used to check the position of the stroke and over stroke of the wings. This device prevents closing overload, which is the main cause of incorrect wing positioning. The rotary encoder is protected, and independently located. The KNEE rotary encoder is a big advantage over the more commonly used in-cylinder position sensors which are more prone to damage and difficult to service or replace.

EPS - External position sensors: This system accurately measures the shear and clamp position to reduce the cutting working cycle. Position monitoring is performed via non-contact sensors to avoid the usual pitfalls associated with Proximity or mechanical switches. EPS sensors are also less prone to damage and simple to service.

Laser: The pusher cylinder positioning is determined by a laser monitoring system allows the operator to pre-set the perfect cutting length of each bale.





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SHEAR BALERS

FEATURES		ACH 451	ACH 562	ACH 662	ACH 772	ACH 773	ACH 872	ACH 873	ACH 973	ACH 107	ACH 117
Shear force	t	450	500	600	700	700	800	900	900	1000	1100
Box length	mm	5000	6100	6100	7200	7200	7200	7200	7200	7200	7200
Cylinders on each wing	n	1	2	2	2	3	2	3	3	3	3
Maximum side compression force (for each "wing")	t	180	300	300	350	400	350	400	400	400	400
Main electric motor	kw	90	110	110	132	132	160	160	200	200	200
Diesel engine power	hp	145	250	250	250	250	350	350	350	350	350
Bale dimensions	mm	880 x 600	880 x 600	880 x 600	880 x 600	880 x 600	880 x 600	880 x 600	880 x 600	880 x 600	880 x 600
Output	t/h	6÷8	8÷10	8÷10	12÷16	12÷16	12÷16	12÷16	16÷20	16÷20	16÷20
Output (with n.2 motors)	t/h	-	-	-	-	-	-	-	-	-	-



		AGS 148	AGS 158	ATS 188	ATS 208	ARH 117	ARH 127	ARH 137
Shear force	t	1400	1500	1800	2000	1100	1200	1300
Box length	mm	8300	8300	8300	8300	7200	7200	7200
Cylinders on each wing	n	3	3	3	3	3	3	3
Maximum side compression force (for each "wing")	t	600	600	700	700	450	450	450
Main electric motor	kw	4 x 110	4 x 110	4 x 132	4 x 132	2 x 160	2 x 160	2 x 160
Diesel engine power	hp	-	-	-	-	450	450	450
Bale dimensions	mm	1100 x 800	1100 x 800	1200 x 800	1200 x 800	1000 x 700	1000 x 700	1000 x 700
Lifting jacks	n	-	-	-	-	-	-	-
Output	t/h	<60	<60	<80	<80	<40	<50	<50





PRODUCT LINE KEY FACTS

SHEAR BALERS

	ACS 562	ACS 662	ACS 772	ACS 773	ACS 872	ACS 873	ACS 973	ACS 107	ACS 117
t	500	600	700	700	800	800	900	1000	1100
mm	6100	6100	7200	7200	7200	7200	7200	7200	7200
n	2	2	2	3	2	3	3	3	3
t	300	350	350	400	350	400	400	400	400
kw	110	110	132	132	160	160	200		
	2 x 90	2 x 110	2 x 110	2 x 110	2 x 110	2 x 110	2 x 132	2 x 132	2 x 132
hp	250	250	250	250	350	350	350	-	-
mm	880 x	880 x	880 x	880 x	880 x	880 x	880 x	880 x	880 x
	600	600	600	600	600	600	600	600	600
t/h	-	-	-	-	-	-	-	-	-
t/h	10÷12	12÷16	12÷16	12÷16	12÷16	12÷16	16÷22	16÷22	18÷22

Also available with 1 motor instead of 2



	ARS 117	ARS 127	ARS 137	ACM 662	ACM 762	ACM 862	ACL 662	ACL 762	ACL 862
t	1100	1200	1300	600	700	800	600	700	800
mm	7200	7200	7200	6100	6100	6100	6100	6100	6100
n	3	3	3	2	2	2	2	2	2
t	450	450	450	300	350	350	300	350	350
kw	2 x 132	2 x 160	2 x 160						
hp	-	-	-	250	250	350	250	250	350
mm	1000 x	1000 x	1000 x	880 x	880 x	880 x	880 x	880 x	880 x
	700	700	700	600	600	600	600	600	600
n	-	-	-	-	-	-	4	4	4
t/h	<40	<50	<50	10÷12	12÷14	14÷16	10÷12	12÷14	14÷16





BALERS

FEATURES		PH51	PH52	PH62	PH51J	PH52J	PH62J
Box length	mm	5000	5000	6100	5000	5000	6100
Cylinders for each "wing"	n	1	2	2	1	2	2
Maximum side compression force (for each wing)	t	180	250	250	180	250	250
Maximum baling force	t	160	160	160	160	160	160
Main electric motor	kw	75	75	75			
Diesel engine power	hp	145	145	145	145	145	145
Bale dimensions	mm	880 x 600	880 x 600	880 x 600	880 x 600	880 x 600	880 x 600
Bale density	kg/m ³	800 – 1200	800 – 1200	800 – 1200	800 – 1200	800 – 1200	800 – 1200
Lifting jacks	n				4	4	4
Output	t/h	12÷18	16÷20	16÷20	12÷18	16÷20	16÷20

FEATURES		LM52	LM62
Box length	mm	5000	6100
Cylinders for each "wing"	n	2	2
Maximum side compression force (for each "wing")	t	250	250
Maximum baling force	t	160	160
Diesel engine power	hp	250	250
Bale dimensions	mm	880 x 600	880 x 600
Bale density	kg/m ³	800 – 1200	800 – 1200
Output	t/h	16÷20	16÷20



TAURUS is one of the oldest and most recognised brands in the metals recycling market. With more than 700 machines installed and in operation throughout the world, from a technical and operational standpoint **TAURUS** represents a solution that is second to none, with the proven ability to work efficiently and effectively in any condition, climate or application.



BLULINE

REDLINE

SASCOLINE

TAURUS

ALWAYS A STEP AHEAD...

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