

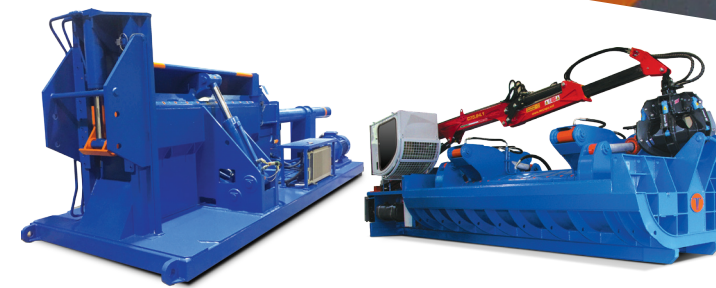
WHY CHOOSE TAURUS - BLACKLINE

1 The TAURUS - BLACKLINE is the latest addition to the famous TAURUS brand of scrap metal processing equipment. It identifies a range of products design to meet the needs of users requiring products with function-specific technologies, reliable and simple to operate.

2 The TAURUS - BLACKLINE includes: DIABLO shears and balers, with shear capacity of up to 700 tons, maximum hourly production of 15 tons, great to process all type of vehicles and material; BIBLO shears and balers, that can provide bales with dimensions of mm 400 x 400, mm 500 x 500 and mm 600 x 600, that can also be equipped with a shear that can reach 500 tons of cutting force and a hourly production of 8 tons. Inclined Shears, identified by the TRH and TRS lines. BIBLO balers are the best selling balers CEG makes.

3 TAURUS - BLACKLINE inclined shears are open box machines, with a continuous feeding system enabled to process mixed scrap, long or irregularly shaped pieces. The machine is designed for continuously compressing and shearing the scrap: the operator's work is limited to loading the open box, while the machine works on a automatic cycle. The inclined shears of the TAURUS - BLACKLINE series have cutting capabilities that reach 1600 tons, and an output up to 60 tons/hour.

4 The TAURUS - BLACKLINE includes machines with electric or diesel engines, and considering the logistical needs of the users, they can also be easily moved as transportable and mobile versions are available. The TAURUS - BLACKLINE is the right choice if you need a solid, reliable machine, built according to the TAURUS brand standards, with specific technologies dedicated to specific tasks.



Via Cesare Battisti, 77 - 21020 Daverio (VA) - Italy
Tel. +39 0332 947242 | Fax +39 0332 948245 | info@ceg-group.it

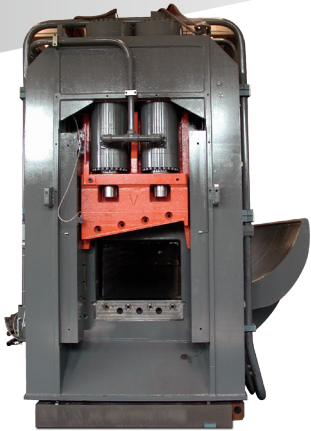


TAURUS

BLACK LINE

RELIABLE, ALL THE WAY

MIDSIZED SHEAR BALERS AND INCLINED SHEARS
RELIABILITY FROM START TO FINISH



Biblo technology | Compression box "L" shape

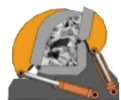
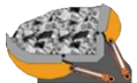
The compression box of a Biblo shear baler consists of an "L" shaped fixed base with an independently folding wing and a compression lid. The lid provides an over stroke with maximum compression force, which reduces the pre-compression cycle time and generates an offset square bale. An offset bale reduces vibrations when being pushed along the compression box by the main ram and it significantly reduces wear and tear.

Diablo technology | Compression box "tank" shape

DIABLO shears and balers consist of a ridged squeeze box with a single two stage oscillating lid. The lid is hinged at the center which enables effective two stage compression. The first half of the lid is hinged longitudinally to the vertical side of the squeeze box and is activated by two hydraulic cylinders. The second half of the lid is activated by a further two cylinders to provide maximum compacting compression.

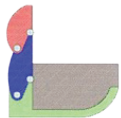
BIBLO BALER

		BB44	BB55	BB66
Box length	mm	2700	4000	5000
Cylinders on the lid	n	1	2	2
Lid max. compression force	t	100	165	200
Main electric motor	Kw	55	55	90
Diesel engine power	Hp	75	75	75
Bale dimension	mm	400x400	500x500	600x600
Number of bale exit door cylinders	nr	1	1	1
Max. compression force	t	160	160	160
Output	b/h	30÷35	30÷35	25÷30
Dimension (L x W x H)	mt	7,5X2.45X2,7	10X2.45X2,9	12X2.45X3,1
Indicative weight	t	20	26	35



DIABLO BALER

		DB52	DD52
Box length	mm	5000	5000
Cylinders on the lid	n	2	2
Lid max. compression force	t	200	200
Diesel engine power	Hp	145	145
Bale dimension	mm	880x600	880x600
Number of bale exit door cylinders	n		1
Max. compression force	t	160	160
Output	b/h	25÷30	25÷30
Dimension (L x W x H)	mt	7,8x2,5x1,6	7,8x2,5x1,6
Indicative weight	t	24	25



BIBLO SHEAR BALERS

		BE542	BF542	BB542
Shearing force	t	500	500	500
Box length	mm	4000	4000	4000
Cylinders on the lid	n	2	2	2
Lid max. compression force	t	165	165	200
Main electric motor	Kw	55	55	90
Diesel engine power	Hp	75	75	145
Bale dimension	mm	400x400	500x500	600x600
Number of clamp cylinders	nr			1
Clamp cylinder force	t			100
Max. compression force	t	160	160	160
Output	t/h	4÷6	5÷7	6÷8
Dimension (L x W x H)	mt	10,5x2.45x3,4	10,5x2.45x3,4	10,5x2.45x3,4
Indicative weight	t	40	44	55

DIABLO SHEAR BALERS

		DH552	DH662	DH772
Shearing force	t	500	600	700
Box length	mm	5000	6000	6000
Cylinders on the lid	n	2	2	2
Lid max. compression force	t	200	250	250
Main electric motor	Kw	90	110	132
Diesel engine power	Hp	145	250	250
Bale dimension	mm	880x600	880x600	880x600
Number of clamp cylinders	nr		1	1
Clamp cylinder force	t		100	100
Max. compression force	t	170	170	170
Output	t/h	6÷8	8÷10	10÷14
Dimension (L x W x H)	mt	10,5x2,9x3,4	10,5x2,9x3,4	10,5x2,9x3,4
Indicative weight	t	70	73	78

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SHEAR AND BALER WITH DIFFERENT TECHNOLOGY

TRH and TRS | Inclined shears

Both the TRH and TRS series shears are open box inclined shears, with continuous feeding system. Both lines are designed for processing large quantities of bulky or long scrap. The TRH series are smaller in size, and cover cutting forces from 750 to 950 t. The oscillating open box of the TRH model measures 2 meters x 6 meters and can be extended by a further 1.8 meters by using the extendable loading platform. The TRHJ identifies the transportable version, which comes equipped with 4 lifting jacks to raise the shear. TRS model inclined shears have higher cutting forces, up to 1600 tons, and are more heavy duty in their frame construction.

The oscillating feeding box measures 2.4m x 7.5m which can be extended by a further 2 meters to a class leading 9.5 meters. On TRS model the cutting length is set by the "collision door" which is positioned after the shear blades.

Both TRH and TRS inclined shears utilize a twin flap compression system, coupled to a stepped clamp to increase the density of the scrap before cutting. All components of the shear that come in to direct contact with the scrap are made in Hardox wear resistant steel. Inclined shears work autonomously and can be fed continuously saving the yard owner personnel costs.

INCLINED SHEARS

		TRH7	TRH8	TRH9	TRH7J	TRH8J	TRH9J
Shearing force	t	750	850	950	750	850	950
Box length	mm	6500	6500	6500	6500	6500	6500
Box length with extendable floor	mm	8500	8500	8500	8500	8500	8500
Box width	mm	2000	2000	2000	2000	2000	2000
Box inclination	°	20	20	20	20	20	20
Flaps on the side	n	2	2	2	2	2	2
Max side compression force each flap	t	150	150	150	150	150	150
Main electric motor	Kw	160	200	200			
Diesel engine power	Hp	250	350	350	250	350	350
Number of clamp cylinders	nr	1	1	1	1	1	1
Clamp cylinder force	t	150	150	150	150	150	150
Output	t/h	<15	<20	<25	<15	<20	<25
Indicative weight	t	75	80	85	75	80	85

INCLINED SHEARS

		TRS1	TRS2	TRS3	TRS4
Shearing force	t	1100	1200	1300	1400
Box length	mm	7500	7500	7500	7500
Box length with extendable floor	mm	9500	9500	9500	9500
Box width	mm	2400	2400	2400	2400
Box inclination	°	20	20	20	20
Flaps on the side	n	2	2	2	2
Max side compression force each flap	t	200	200	250	250
Main electric motor	Kw	1x200	2x132	2x160	2x160
Diesel engine power	Hp	350	350	450	450
Number of clamp cylinders	nr	1	1	1	1
Clamp cylinder force	t	200	200	250	250
Output	t/h	<25	<30	<35	<40
Indicative weight	t	90	100	135	145