

Hydraulic sheet metal shears

HTBS BASIC S – Swing cut sheet metal shears equipped with Touch control, sheet metal slide and motorised cutting gap adjustment

- ▶ CybTouch 8 touchscreen NC control unit in swivel arm
- ▶ Rear stop bar with parking position for making extra-long cuts
- ▶ Rear stop on linear guides
- ▶ NC-controlled backstop (5-1000mm) driven via ball screws
- ▶ Safety light barrier for the rear area
- ▶ Motorised cutting gap adjustment via the control unit
- ▶ Side stop 1500 mm with scale and T-slot
- ▶ Two front support arms 1000 mm
- ▶ Stainless steel table supports with integrated transfer balls
- ▶ Hold-down device with plastic caps to protect the material
- ▶ Variable cutting length adjustment via the control unit
- ▶ Finger protection with viewing panels, first metre can be opened for convenient insertion of offcuts
- ▶ Sheet metal chute in the back
- ▶ Cutting line lighting with silhouette
- ▶ High-quality blades rotatable, suitable for cutting stainless steel
- ▶ Upper blade with two cutting edges and lower blade with four cutting edges
- ▶ Electrical components from Schneider and Mitsubishi
- ▶ Hydraulic components Hoerbiger and KCL

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HTBS Basic S		2006	2010	2506	2510	3006	3010
Art. no.		4205020	4205021	4205026	4205027	4205030	4205031

Technical data							
Working width	mm	2060	2060	2560	2560	3060	3060
Cutting capacity (400 N/mm ²)	mm	6	10	6	10	6	10
Cutting capacity (700 N/mm ²)	mm	4	6	4	6	4	6
Rear stop adjustment range up to	mm	1000	1000	1000	1000	1000	1000
Rear stop speed	mm/s	120	120	120	120	120	120
Cutting angle	°	1.5	1.5	1.5	1.5	1.5	1.5
Max. strokes with full cutting length	/min	24	12	22	12	20	12
Side stop length	mm	1500	1500	1500	1500	1500	1500
Sheet support arms amount		2	2	2	2	2	2
Cutting gap adjustment min.	mm	0.05	0.05	0.05	0.05	0.05	0.05
Cutting gap adjustment max.	mm	0.6	1	0.6	1	0.6	1
Hold-down device Amount		12	12	15	14	17	16
Oil tank capacity	l	180	300	180	300	180	300
Dimension Table length	mm	2320	2370	2820	2870	3320	3370
Dimension Table width	mm	485	585	485	585	485	585
Dimension Table height	mm	800	900	800	900	800	900
Air consumption per cycle	l	20	20	30	30	30	30
Drive motor power	kW	11	22	11	22	11	22
Length dimensions approx.	mm	2900	2950	3530	3460	3900	3950
Width dimensions approx.	mm	3120	3450	3120	3450	3120	3450
Height dimension approx.	mm	1900	2200	1900	2200	1900	2200
Weight approx.	kg	5100	7600	5450	8300	6550	10200

HTBS Basic S		3013	3016	4006	4010	4013	4016
Art. no.		4205032	4205033	4205040	4205041	4205042	4205043

Technical data							
Working width	mm	3060	3060	4060	4060	4060	4060
Cutting capacity (400 N/mm ²)	mm	13	16	6	10	13	16
Cutting capacity (700 N/mm ²)	mm	8	10	4	6	8	10
Rear stop adjustment range up to	mm	1000	1000	1000	1000	1000	1000
Rear stop speed	mm	120	120	120	120	120	120
Cutting angle	°	1.8	2	1.2	1.5	1.8	2
Max. strokes with full cutting length	/min	12	10	12	10	8	6
Side stop length	mm	1500	1500	1500	1500	1500	1500
Sheet support arms amount		2	2	3	3	3	3
Cutting gap adjustment min.	mm	0.08	0.08	0.05	0.05	0.08	0.08
Cutting gap adjustment max.	mm	1.3	1.6	0.6	1	1.3	1.6
Hold-down device Amount		16	16	21	20	20	20
Oil tank capacity	l	400	500	180	350	450	500
Dimension Table length	mm	3440	3500	4330	4400	4440	4500
Dimension Table width	mm	600	600	485	585	600	600
Dimension Table height	mm	900	900	850	900	900	900
Air consumption per cycle	l	30	30	35	40	40	40
Drive motor power	kW	30	37	11	30	37	45
Length dimensions approx.	mm	3950	4050	4950	5000	5040	5060
Width dimensions approx.	mm	3650	3650	3120	3450	3650	3650
Height dimension approx.	mm	2300	2300	1900	2100	2300	2300
Weight approx.	kg	12100	16100	9510	13800	16500	20500

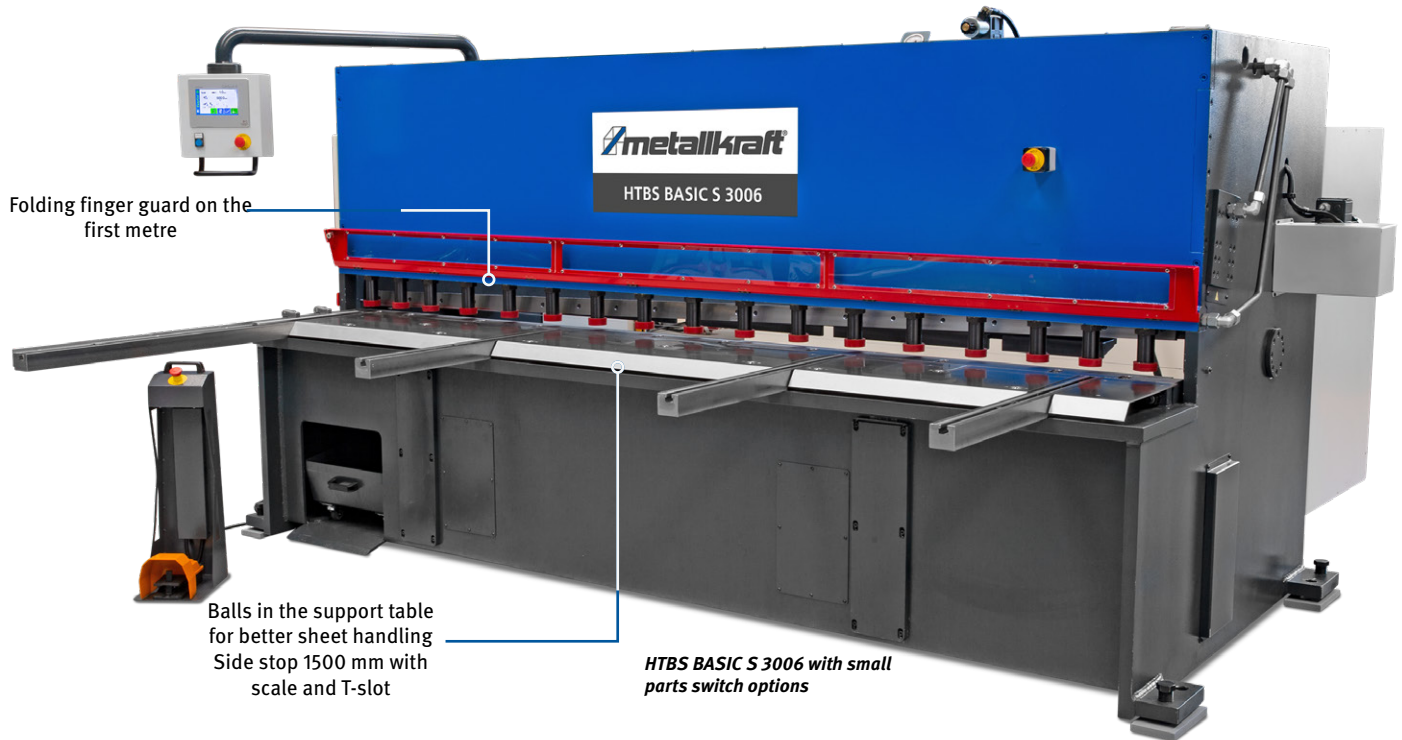
Other Sizes on request

Standard

CONTROL CYBELEC CYBTOUCH 8

Simple operation of the guillotine shears thanks to clear and easy-to-use control functions.

- ▶ 7" touchscreen with bright colours
- ▶ Simple positioning of the backstop
- ▶ Clear and intuitive to use
- ▶ Automatic calculation of the cutting gap
- ▶ Compensation of the stop position to the cutting gap
- ▶ Programmable free movement function of the backstop
- ▶ Control of the motorised cutting gap adjustment
- ▶ Control of the pneumatic sheet metal holding device
- ▶ Material library
- ▶ Programming of cutting sequences



Equipment options (only possible ex works)	Art. no.
Front light barrier instead of finger protection cover	4220500
Servo motor for the backstop	4220501
Rear stop 1250 mm	4220502
Additional front support arm 2000 mm with support leg	4220510
Additional front support arm 3000 mm with support leg	4220511
Extension to 2000 mm for the standard support arms with support leg	4220512
Extension to 3000 mm for the standard support arms with support leg	4220513
Extension to 2000 mm for the side stop with support leg	4220514
Extension to 3000 mm for the side stop with support leg	4220515
Additional 1500 mm side stop on the right-hand side of the machine	4220516
Finger protection cover can be folded up over the entire length	4220520
Small parts switch (manual opening) to the front with mobile sheet metal drawer	4220521
Small parts chute (pneumatic opening) to the front with mobile sheet metal drawer	4220522
Adjustable angle stop 0-180°	4220525
Oil cooler	4220530
Oil warmer	
for HTBS BASIC S 2006, 2506, 3006, 4006	4220531
for HTBS BASIC S 2010, 2510, 3010, 3013, 4010, 4013	4220532
for HTBS BASIC S 3016, 4016	4220533
Manual central lubrication of the cutter bar guide*	
for HTBS BASIC S 2006, 2010, 2506, 2510	4220550
for HTBS BASIC S 3006 to 4016	4220551
Automatic central lubrication of the cutter bar guide	
for HTBS BASIC S 2006, 2010, 2506, 2510	4220555
for HTBS BASIC S 3006, 4016	4220556
Pneumatic sheet support 1-stage up to 6 mm in the rear area*	
for HTBS BASIC S 2006/ HTBS BASIC S 2010	4220560
for HTBS BASIC S 2506/ HTBS BASIC S 2510	4220561
for HTBS BASIC S 3006, HTBS BASIC S 3016	4220562

Equipment options (only possible ex works)	Art. no.
for HTBS BASIC S 4006, HTBS BASIC S 4016	4220563
Pneumatic sheet support 2-stage up to 6 mm in the rear area (complete table)*	
for HTBS BASIC S 2006/ HTBS BASIC S 2010	4220570
for HTBS BASIC S 2506/ HTBS BASIC S 2510	4220571
for HTBS BASIC S 3006, HTBS BASIC S 3016	4220572
for HTBS BASIC S 4006, HTBS BASIC S 4016	4220573
Transfer ball in the side stop (3) and the front support arms(2)*	
for HTBS BASIC S 2006/ HTBS BASIC S 2010	4220580
for HTBS BASIC S 2506/ HTBS BASIC S 2510	4220581
for HTBS BASIC S 3006, HTBS BASIC S 3016	4220582
for HTBS BASIC S 4006, HTBS BASIC S 4016	4220583
Configuration options Cutting line displayed by laser (only left side visible approx. 1500 mm)*	
for HTBS BASIC S 2006/ HTBS BASIC S 2010	4220540
for HTBS BASIC S 2506, HTBS BASIC S 4016	4220541
Accessories: Ersatzmesser	Art. no.
(1 set consists of upper and lower blade)	
for HTBS BASIC S 2006	4220590
for HTBS BASIC S 2010	4220595
for HTBS BASIC S 2506	4220591
for HTBS BASIC S 2510	4220596
for HTBS BASIC S 3006	4220592
for HTBS BASIC S 3010	4220597
for HTBS BASIC S 3013	4220598
for HTBS BASIC S 3016	4220599
for HTBS BASIC S 4006	4220593
for HTBS BASIC S 4010	4220600
for HTBS BASIC S 4013	4220601
for HTBS BASIC S 4016	4220602

Hydraulic swing-cutting sheet metal shears

HTB DE -Hydraulic sheet metal shears with cost-effective basic equipment

- ▶ Heavy and robust welded construction
- ▶ NC control Nuova Maper HT071
- ▶ Manual, central cutting gap adjustment via handwheel and scale
- ▶ Motorised rear stop 1000 mm with ball screws and solid guides
- ▶ Rear stop beam can be folded up for carrying out cuts with excess length, greater than 1000 mm
- ▶ Manual, central cutting gap adjustment via hand lever with scale ring
- ▶ Side stop 1000 mm with scale, T-slot and tilting cam
- ▶ Two 1000 mm front support arms for simplified handling of large panels
- ▶ Table supports with transfer balls for easier handling of heavy and large panels
- ▶ Grille as front access protection
- ▶ First metre of the finger guard can be opened to make it easier to insert offcuts
- ▶ LED cutting line lighting with silhouette via adjustable wire
- ▶ Rear area protection via light curtain
- ▶ Single-acting cylinder for cutting, return stroke by spring force
- ▶ High-quality blades, suitable for cutting stainless steel
- ▶ Rotating blades, upper blade with two cutting edges and lower blade with four cutting edges
- ▶ Hydraulic and electronic components from renowned manufacturers



Positioning control for backstop Maper HT071



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Model		HTB DE 2006	HTB DE 3006
Art. no.		4502206	4501306
Technical data			
Working width	mm	2096	3080
Cutting capacity (400 N/mm ²)	mm	6	6
Cutting capacity (600 N/mm ²)	mm	4	4
Cutting capacity (700 N/mm ²)	mm	3	3
Rear stop speed	mm/s	200	200
Cutting angle	°	1.39	1.39
Sheet support arms amount		2	3
Cuts per minute		18	18
Hold-down device Amount		11	17
Hold-down device Pressure	t	4 - 20	4 - 20
Oil tank capacity	l	190	200
Air consumption per cycle	l	5.73	7.6
Throat depth	mm	150	150
Table dimensions (L x W x H)	mm	2320 x 480 x 720	3360 x 470 x 710
Deep machine body	mm	1620	1450
Drive motor power~50 Hz	kW	11 / 400	11 / 400
Dimensions (L x W x H) approx.	mm	2840 x 3000 x 1850	3840 x 2745 x 1700
Weight approx.	kg	5250	6500



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Equipment options (only possible ex works)	Art. no.
Controls and axes	
Cybelec CybTouch 8 control unit	4531200
Motorised Cutting gap adjustment	4531400
Security	
Front light wall instead of finger guard	4531101
Fingerprotection with viewing window	4531100
Material handling	
Laser cutting line	4531700
Surcharge for table covers Stainless steel	4531500
Extensions for the front support arms	
L 2m with support leg	4531504
L= 3 m with support leg	4531505
Extension of the side stop	
L 2m with support leg	4531502
L= 3 m with support leg	4531503

Accessories	Art. no.
Removable mitre fence 0 - 180°	4531501
Standard set with upper and lower blade	4531601

Hydraulic sheet metal shears

HTB DS - Hydraulic sheet metal shears with Cybelelec CybTouch 8 touchscreen CNC control

- ▶ Very heavy and robust welded construction
- ▶ Cybelelec CybTouch8 touchscreen NC control unit
- ▶ Automatic cutting gap adjustment depending on material type and thickness
- ▶ Motorised rear stop 1000 mm with ball screws and solid guides
- ▶ Rear stop beam can be folded up for carrying out cuts with excess length, greater than 1000 mm
- ▶ Side stop 1000 mm with scale, T-slot and tilting cam
- ▶ Two 1000 mm front support arms for simplified handling of large panels
- ▶ Stainless steel table supports fitted with transfer balls for easier handling of heavy and large boards
- ▶ Front finger guard with viewing window
- ▶ First metre of the finger guard can be opened to make it easier to insert offcuts
- ▶ LED cutting line lighting with silhouette via adjustable wire
- ▶ Rear area protection via light curtain
- ▶ Double-acting cylinders for the cutting and return stroke of the cutter bar
- ▶ High-quality blades, suitable for cutting stainless steel
- ▶ Rotating blades, upper blade with two cutting edges and lower blade with four cutting edges
- ▶ Hydraulic and electronic components from renowned manufacturers

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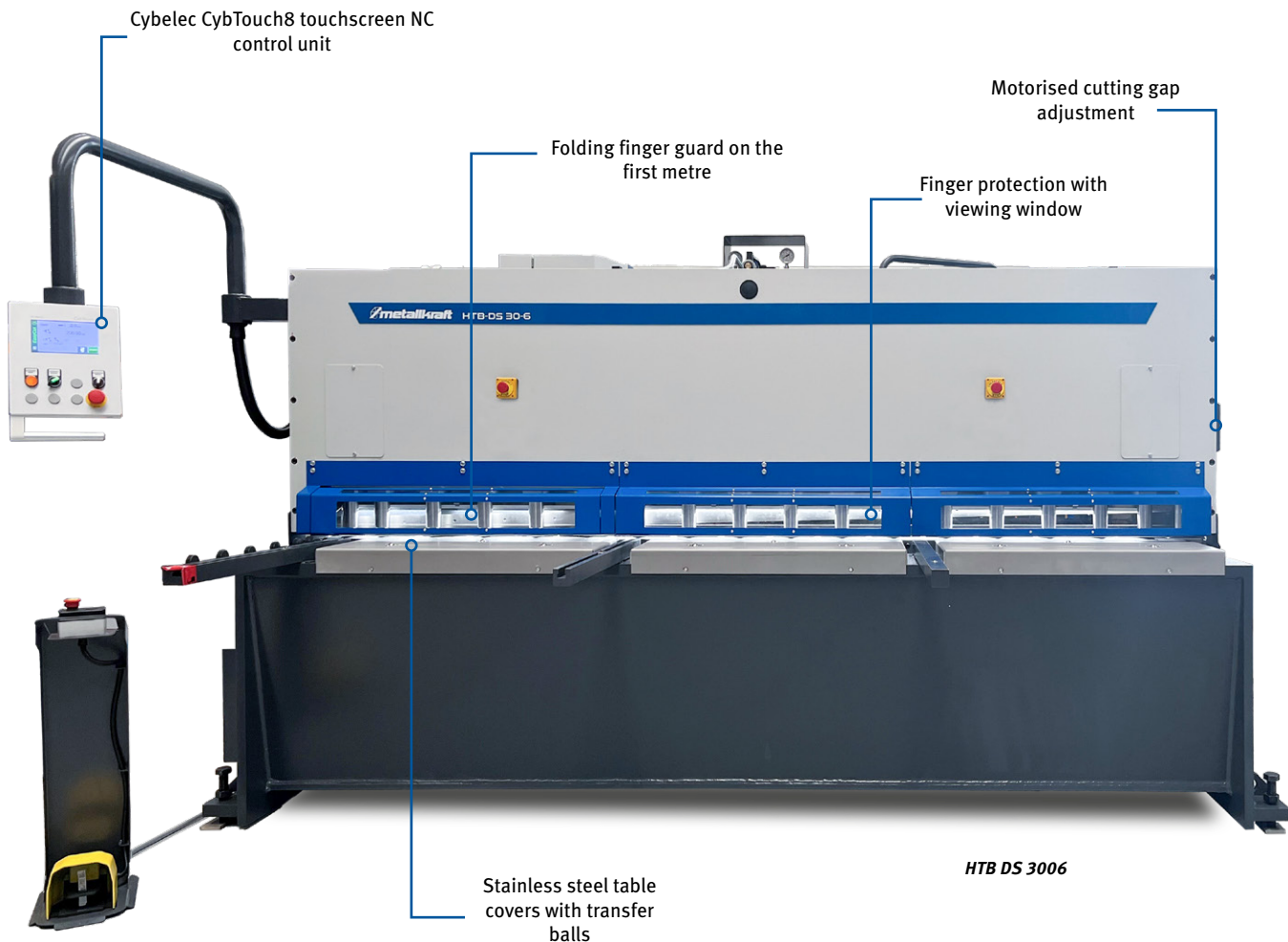


Model		HTB DS 3006	HTB DS 3010	HTB DS 3013	HTB DS 3016	HTB DS 4006	HTB DS 4013
Art. no.		4502306	4502310	4502313	4502316	4502406	4502413
Technical data							
Cutting performance with material tensile strength							
400 N/mm ²	mm	6	10	13	16	6	13
600 N/mm ²	mm	4	6	8	10	4	8
700 N/mm ²	mm	3	5	7	8.5	3	7
Working width	mm	3120				4160	
Rear stop adjustment range up to	mm	1000				1000	
Rear stop speed	mm/s	200				200	
Cutting angle	°	1.39	2	2.5	2.5	1.33	2
Max. strokes with full cutting length	/min	18	12	12	12	14	8
Sheet support arms amount		3				19	
Hold-down device Amount		15				19	
Oil tank capacity	l	200	200	400	400	240	400
Air consumption per cycle	l	7.6	7.6	7.6	7.6	9.5	9.5
Outreach	mm	150				150	
Table dimensions (L x W x H)	mm	3360 x 500 x 850	3380 x 575 x 830	3400 x 575 x 840	3420 x 575 x 840	4410 x 500 x 850	4450 x 575 x 840
Deep machine body	mm	1900	2050	2050	2150	1900	2050
Power drive motor ~ 50 Hz	kW/ V	11 / 400	22 / 400	30 / 400	30 / 400	11 / 400	30 / 400
Dimensions (L x W x H) approx.	mm	3840 x 2745 x 1700	3850 x 3060 x 1850	3850 x 3160 x 2000	3875 x 3200 x 2170	4890 x 2750 x 1820	4930 x 3160 x 2100
Weight approx.	kg	8000	12500	14000	16120	10400	16850

Standard
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- ▶ Material library
- ▶ Programming of cutting sequences


Equipment options (only possible ex works)

	Art. no.
Front light wall instead of finger guard	4531101
Pneumatic sheet metal support in rear chamber 1-stage / capacity up to 6 mm for HTB DS 3006 to HTB DS 3016	4531300
Pneumatic sheet metal support in rear chamber 1-stage / capacity up to 6 mm for HTB DS 4006 to HTB DS 4013	4531301
Laser cutting line	4531700
Extensions for the front support arms L 2m with support leg	4531504
Extensions for the front support arms L 3m with support leg	4531504
Extension of the side stop L 2m with support leg	4531502
Extension of the side stop L 3m with support leg	4531503

Accessories

	Art. no.
Standard set with upper and lower blade for HTB DS 3006 / DS 3010	4531601
for HTB DS 3013	4531602
for HTB DS 3016	4531603
for HTB DS 4006	4531604
for HTB/DS 4013	4531605
Removable mitre fence 0 - 180°	4531501

Hydraulic sheet metal shears

HTB DK - Hydraulic sheet metal shears with controlled cutting angle and cutting gap adjustment

- ▶ Very heavy and robust welded construction
- ▶ CybeleC CybTouch8 touchscreen NC control unit
- ▶ Automatic cutting angle and cutting gap adjustment depending on material type and thickness
- ▶ Higher cycle rates and better cutting quality possible thanks to cutting angle adjustment
- ▶ Motorised rear stop 1000 mm with ball screws and solid guides
- ▶ Rear stop beam can be folded up for carrying out cuts with excess length, greater than 1000 mm
- ▶ Side stop 1000 mm with scale, T-slot and tilting cam
- ▶ Two 1000 mm front support arms for simplified handling of large panels
- ▶ Stainless steel table supports fitted with transfer balls for easier handling of heavy and large boards
- ▶ Front finger guard with viewing window
- ▶ First metre of the finger guard can be opened to make it easier to insert offcuts
- ▶ LED cutting line lighting with silhouette via adjustable wire
- ▶ Rear area secured via light barrier
- ▶ Double-acting cylinders for the cutting and return stroke of the cutter bar
- ▶ High-quality blades, suitable for cutting stainless steel
- ▶ Rotating blades, upper blade with two cutting edges and lower blade with four cutting edges
- ▶ Hydraulic and electronic components from renowned manufacturers

Model		HTB DK 3006	HTB DK 3010	HTB DK 3013	HTB DK 3016	HTB DK 3020	HTB DK 4006	HTB DK 4013
Art. no.		4510306	4510310	4510313	4510316	4510320	4510406	4510413

Technical data								
Working width	mm	3035	3040		3060		4065	
Cutting capacity 400 N/mm ²	mm	6	10	13	16	20	6	13
Cutting capacity 600 N/mm ²	mm	4	6	8	10	13	4	8
Cutting capacity 700 N/mm ²	mm	3	5	7	9	11	3	7
Rear stop speed	mm/s	200					200	
Cutting angle	°	0.5 – 3					0.5 – 3	
Max. strokes with full cutting length	/min	29 – 12	20 – 11	17 – 8	13 – 6	12 – 5	23 – 9	13 – 6
Hold-down device Amount		16	17	16			23	21
Oil tank capacity	l	200	300	400	600	750	200	400
Outreach	mm	350					350	
Table dimensions (L x W)	mm	3280 x 505	3340 x 505	3340 x 590	3360 x 595	3400 x 595	4320 x 505	4340 x 590
Dimension Table H)		800			925	820	820	900
Deep machine body	mm	1620	1900	2050	2050	2150	1900	2050
Air consumption per cycle	l	5.78	5.78	9.4	11.52	9.4	6.59	11.52
Drive motor ~50 Hz	kW/V	11 / 400	22 / 400	30 / 400	30 / 400	37 / 400	11 / 400	30 / 400
Dimensions (L x W) approx.	mm	3773 x 2955	3850 x 2960	3850 x 3270	3870 x 3315	3910 x 3395	4830 x 2955	4850 x 3300
Dimensions (H) approx.		2260			2280	2640	2130	2200
Weight approx.	kg	8800	10700	13500	15800	20000	11500	18500

HTB DK		HTB DK 4016	HTB DK 4020	HTB DK 6006	HTB DK 6013	HTB DK 6016	HTB DK 6020
Art. no.		4510416	4510420	4510606	4510613	4510616	4510620

Technical data							
Working width	mm	4065		6125		6160	6125
Cutting capacity 400 N/mm ²	mm	16	20	6	13	16	20
Cutting capacity 600 N/mm ²	mm	10	13	4	8	10	13
Cutting capacity 700 N/mm ²	mm	9	11	3	7	9	11
Rear stop speed	mm/s	200			200		
Cutting angle	°	0.5 – 3			0.5 – 3		
Max. strokes with full cutting length	/min	13 – 6	12 – 5	14 – 6	11 – 5	10 – 5	10 – 5
Hold-down device Amount		26		31			
Oil tank capacity	l	400	750	475	400	750	750
Outreach	mm	350		350			
Table dimensions (L x W x H)	mm	4360 x 600	4400 x 595	6400 x 525	6460 x 606	6840 x 610	6500 x 610
Dimension Table H)		900	820	880	900		
Deep machine body	mm	1620	1900	2050	2050	2150	1900
Air consumption per cycle	l	n.s.	n.s.	15.05	15.05	10.36	n.s.
Drive motor ~50 Hz	kW	30 / 400	37 / 400	11 / 400	30 / 400	45 / 400	45 / 400
Dimensions (L x W x H) approx.	mm	4930 x 3300 x 2200	4950 x 3390 x 2570	6910 x 3610 x 2780	7090 x 3185 x 2665	7200 x 3700 x 2780	7200 x 3700 x 2780
Weight approx.	kg	21000	25000	27500	35500	49500	55000

Standard

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HTB DK 3006 (Shown design differs from standard configuration)

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Equipment options (only possible ex works)	Art. no.
Front light wall instead of finger guard	4532101
Laser cutting line	4352700
Transferkugel im Seitenanschlag und den vorderen Stützarmen	4532510
Extension of the side stop L 2m with support leg	4532502
Extension of the side stop L 3m with support leg	4532503
Pneumatic sheet metal support 2-stage rear chamber / capacity up to 6 mm	
for HTB DK 3006 to HTB DK 3020	4532300
for HTB DK 4006 to HTB DK 4020	4532301
Extensions for the front support arms L 2m with support leg	
for HTB DK 3006 to HTB DK 3020	4532504
for HTB DK 4006 to HTB DK 4020	4532505

Equipment options (only possible ex works)	Art. no.
Front light wall instead of finger guard	4532101
Laser cutting line for HTB DK 4006 to HTB DK 4020	4352700
Laser cutting line for HTB DK 6006 to HTB DK 6020	4352701
Removable mitre fence 0 - 180°	4532501
Transfer ball in the side stop and the front support arms	4532510
Extension of the side stop L 2m with support leg	4532502
Extension of the side stop L 3m with support leg	4532503
Pneumatic sheet metal support in rear chamber 2-stage / capacity up to 6 mm for HTB DK 6006 to HTB DK 6020	4532302
Extensions for the front support arms L 2m with support leg	
for HTB DK 6006 to HTB DK 6020	4532506
for HTB DK 3006 to HTB DK 3020	4532507

Equipment options (only possible ex works)	Art. no.
for HTB DK 3006 to HTB DK 3020	4532507
for HTB DK 4006 to HTB DK 4020	4532508
for HTB DK 4006 to HTB DK 4020	4532509
Accessories	Art. no.
Standard set with upper and lower blade	
for HTB DK 3006	4532600
for HTB DK 3010	4532601
for HTB DK 3013	4532602
for HTB/DK 3016	4532603
for HTB DK 3020	4532604
for HTB DK 4006	4532605
for HTB DK 4013	4532606
Removable mitre fence 0 - 180°	4532501

Equipment options (only possible ex works)	Art. no.
for HTB DK 4006 to HTB DK 4020	4532508
for HTB DK 4006 to HTB DK 4020	4532509
Accessories	Art. no.
Standard set with upper and lower blade	
for HTB DK 4016	4532607
for HTB DK 4020	4532608
for HTB DK 6006	4532609
for HTB DK 6013	4532610
for HTB DK 6016	4532611
for HTB DK 6020	4532612
Removable mitre fence 0 - 180°	4532501