



Discotom - 100/ - 10

가

, Discotom - 100/ - 10



**GREAT
CUTTING SPACE**

Discotom 가
 . 620 x 270 mm

. Discotom

가

Discotom

Impact

Struers , Discotom
 ExciCut

arm

9가

* VarioSpeed - Discotom - 100 * - Struers
 , 1.500 가
 3.000 rpm ,
 가

* OptiFeed - *
 (Discotom - 100) - 가 가

* AxioWash - 가

* ExciCut - * MultiCut - X - 가

* 20 - * Line laser - 가
 . ()

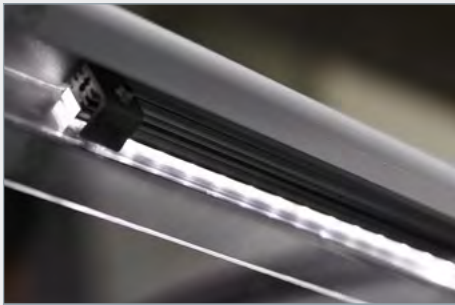


FLEXIBILITY



**UNMATCHED
USER-FRIENDLINESS**





가 LED



/

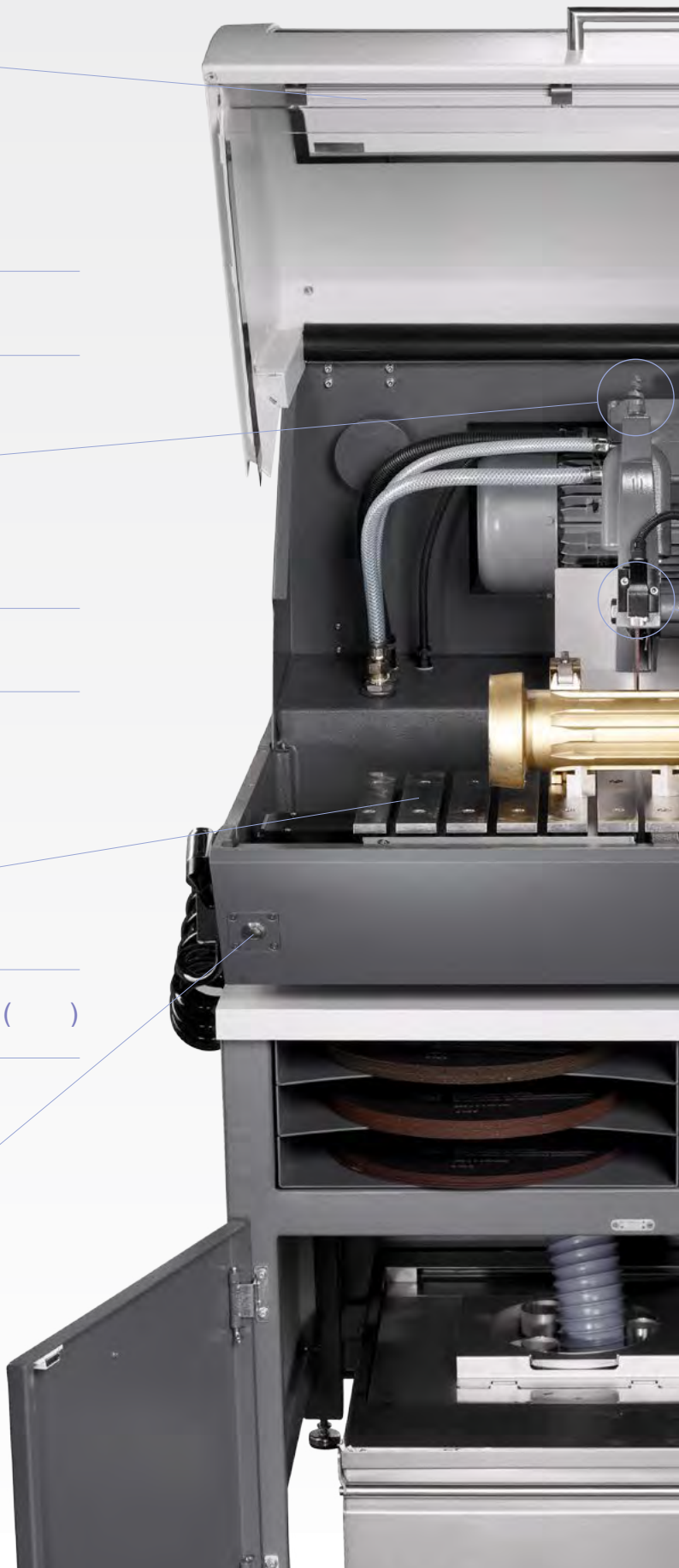


X- ()



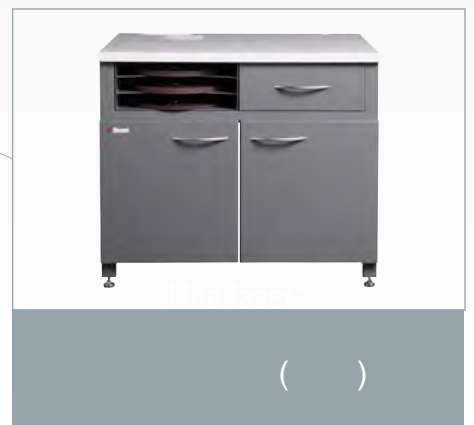
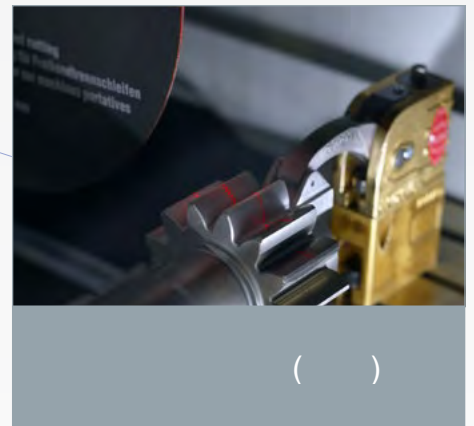
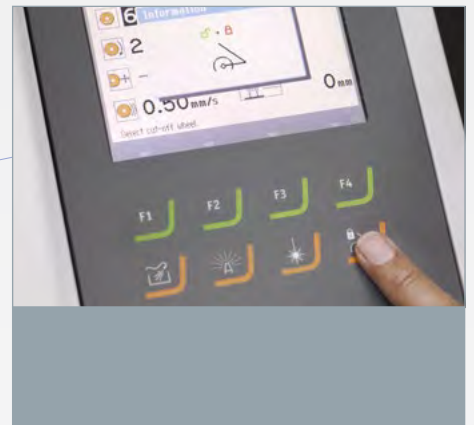
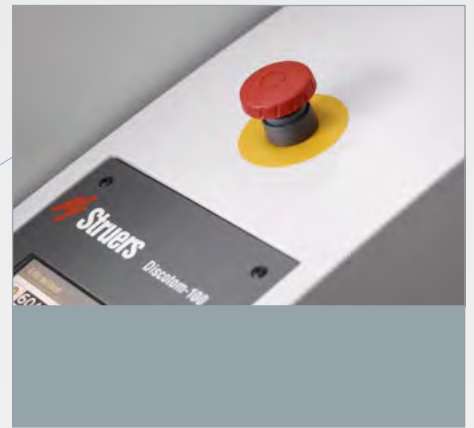
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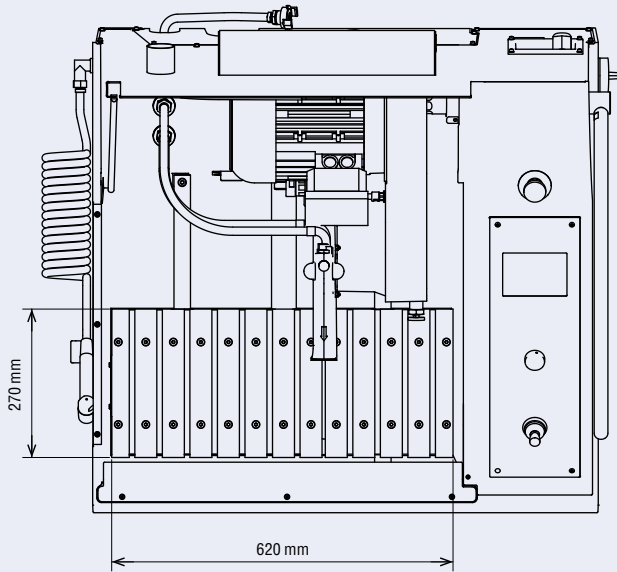




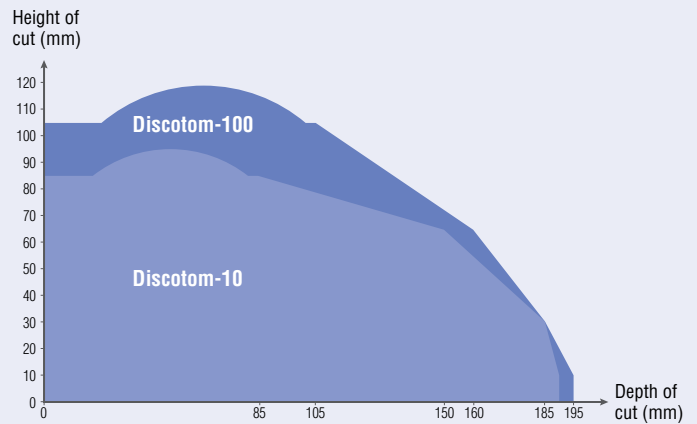
300mm / 12"
250mm / 10"



TECHNICAL DATA - Discotom-100/-10



CUTTING CAPACITY



Subject

Specification

Metric / Imperial

Cutting capacity (max)

Discotom-100 (ø 300 mm/12" cut-off wheels)

ø 119 mm / 4.68" with 61 mm / 2.4" flange

Discotom-10 (ø 250 mm/10" cut-off wheels)

ø 94 mm / 3.70" with 61 mm / 2.4" flange

PHYSICAL SPECIFICATIONS

Cutting motor	Nominal load (S1)	Intermittent (S3)
Discotom-100 / 50-60 Hz	4 kW / 5.4 HP	4.7 kW / 6.4 HP
Discotom-10 / 50 Hz	2.5 kW / 3.4 HP	3.2 kW / 4.3 HP
Discotom-10 / 60 Hz	3 kW / 4 HP	3.8 kW / 5.1 HP
Cut-off wheel for Discotom-100	Diameter x Thickness x Centre-hole Variable speed	300 x 2.0 x 32 mm / 12 x 0.08 x 1.26" 1500 - 3000 rpm
Cut-off wheel for Discotom-10	Diameter x Thickness x Centre-hole Fixed speed	250 x 1.5 x 32 mm / 10 x 0.06 x 1.26" 2850 rpm
Positioning & Feed	Positioning range (of cut-off wheel) Max. height of sample underneath cut-off wheel Max. positioning speed Feed Speed range (adjustable in steps of)	Z= 165 mm 80 mm @ 300 mm wheel 105 mm @ 250 mm wheel Y= 20 mm/s / 0.8"/s, X= 10 mm/s / 0.4"/s 0.05 - 2.5 mm/s / 2 - 100 mils/s (0.05 mm/s / 2 mils/s)
Cutting table		
Fixed cutting table	Width x Depth y-table range	620x270 mm / 24.4 x 10.6" 200 mm / 7.9"
x-table (option)	Width x Depth x-table range	282x270 mm / 11.1 x 10.6" 100 mm / 3.9"
T-slots		10 mm / 0.39"
Dimensions and weight	Width Depth Height Weight	920 mm / 36" 685 mm / 27" 890 mm / 35" 200 kg / 440 lbs

SPECIFICATIONS

Discotom-100 with fixed table

Automatic cut-off machine with variable spindle speed and variable automatic feed. 4.0 kW motor. For 300 mm (12") cut-off wheels. Cutting table with 10 mm T-slots. Recirculation cooling unit (05766xxx) and clamping tools are ordered separately. Optional table unit (06266101) can be used.

Cat. no:	Voltage
06156129	3 x 220-240 V / 50-60 Hz
06156146	3 x 380-480 V / 50-60 Hz

Discotom-100 with automatic x-table

Automatic cut-off machine with automatic x-table, variable spindle speed and variable automatic feed. 4.0 kW motor. For 300 mm (12") cut-off wheels. Cutting table with 10 mm T-slots. Recirculation cooling unit (05766xxx) and clamping tools are ordered separately. Optional table unit (06266101) can be used.

Cat. no:	Voltage
06156229	3 x 220-240 V / 50-60 Hz
06156246	3 x 380-480 V / 50-60 Hz

Discotom-10 with fixed table

Automatic cut-off machine with fixed spindle speed (2.850 rpm) and variable automatic feed. 2.2 kW motor. For 250 mm (10") cut-off wheels. Cutting table with 10 mm T-slots. Recirculation cooling unit (05766xxx) and clamping tools are ordered separately. Optional table unit (06266101) can be used.

Cat. no:	Voltage
06256129	3 x 200 V / 50 Hz
06256130	3 x 200-210 V / 60 Hz
06256135	3 x 220-230 V / 50 Hz
06256136	3 x 220-240 V / 60 Hz
06256146	3 x 380-400 V / 50 Hz
06256147	3 x 380-415 V / 60 Hz
06256154	3 x 460-480 V / 60 Hz

Discotom-10 with automatic x-table

Automatic cut-off machine with automatic x-table, fixed spindle speed (2.850 rpm) and variable automatic feed. 2.2 kW motor. For 250 mm (10") cut-off wheels. Cutting table with 10 mm T-slots. Recirculation cooling unit (05766xxx) and clamping tools are ordered separately. Optional table unit (06266101) can be used.

Cat. no:	Voltage
06256229	3 x 200 V / 50 Hz
06256230	3 x 200-210 V / 60 Hz
06256235	3 x 220-230 V / 50 Hz
06256236	3 x 220-240 V / 60 Hz
06256246	3 x 380-400 V / 50 Hz
06256247	3 x 380-415 V / 60 Hz
06256254	3 x 460-480 V / 60 Hz

ACCESSORIES

Line laser

Laser alignment aid. Visualizes cutting line. Cat. no: 06156912

Replacement stainless steel bands

For Discotom-100 / -10 cutting table. 270 x 40 mm. Set of 2. Cat. no: R6150200

Quick clamping tool with short stroke for 10 mm T-slots, left

For securing regular workpieces on left side of cut-off wheel. Complete with backstop and spanner. Jaw movement: 12 mm. Max. round workpiece height: 50 mm. Cat. no: 05876935

Table unit for Discotom

With compartment for recirculation cooling unit, drawer for tools and shelves for cut-off wheels. Width: 930 mm, depth: 950 mm, height: 800 mm. Cat. no: 06266101

Extension for table unit

Can be mounted on both right and left hand side. Width: 400 mm, depth 950 mm. Cat. no: 06266901

Cooling System 4

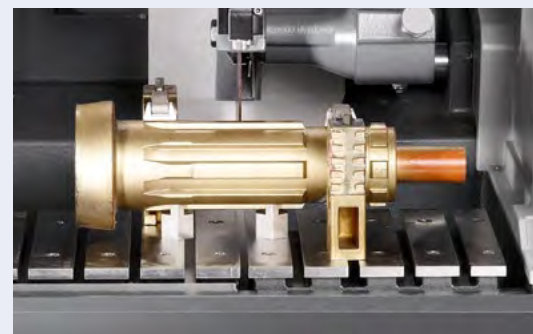
With 100 l tank, large pump, Cooli-1, filter bag and adapter plate, consists of: 05766905, 057660xx, 05761116, 05766928, 05766927

Cat. no:	Voltage
05766716	1 x 100 V / 50 Hz
05766723	1 x 100-120 V / 60 Hz
05766722	1 x 220-240 V / 50Hz
05766724	1 x 220-240 V / 60 Hz



Struers' equipment is in conformity with the provisions of the applicable International Directives and their appurtenant Standards. (Please contact your local supplier for details)

Struers' products are subject to constant product development. Therefore, we reserve the right to introduce changes in our products without notice.



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Learn more

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