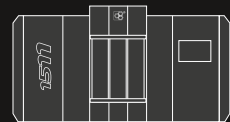
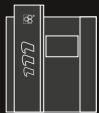


11-Series accessories



PLATIT COATING INTELLIGENCE

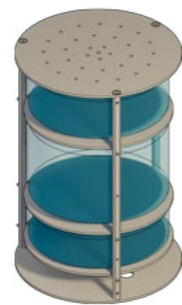
- CAROUSELS
- HOLDERS
- LOADING CAPACITIES



PLATIT® 11 - Series

PLATIT® 11 - Series

111



Single rotation
D ≤ 355 mm

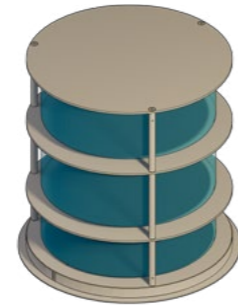


4 axes for continuous triple rotation for gearboxes
D ≤ 143 mm

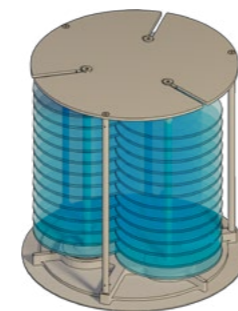


10 axes for continuous double rotation
D ≤ 77 mm

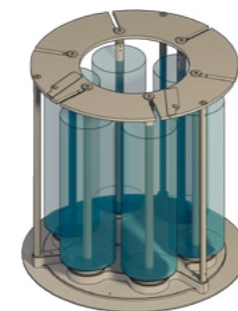
411



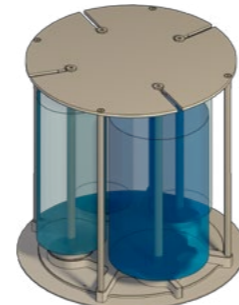
Single rotation
D ≤ 500 mm for saw blades,
D ≤ 460 mm for molds & dies



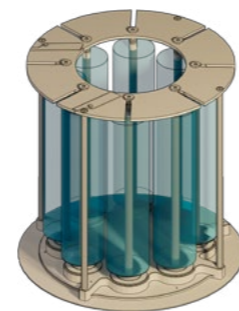
3 axes for saw blades with overlap
D ≤ 285 mm



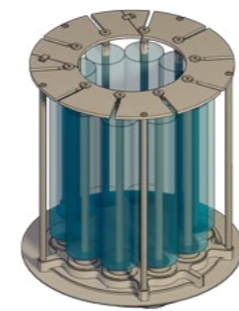
3 / 6 axes
D3 ≤ 220 mm /
D6 ≤ 150 mm



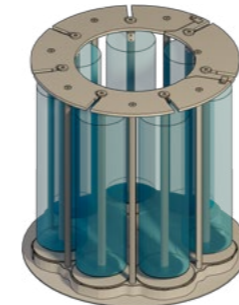
4 asymmetric axes
D3 ≤ 183 mm,
D1 ≤ 250 mm



4 / 8 axes
D4 ≤ 215 mm /
D8 ≤ 115 mm



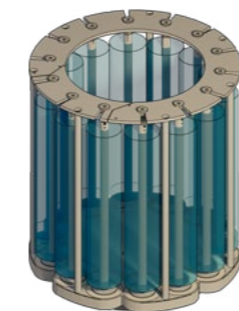
5 / 10 axes
D5 ≤ 175 mm /
D10 ≤ 94 mm



7 axes for triple rotation for gearboxes
D ≤ 143 mm

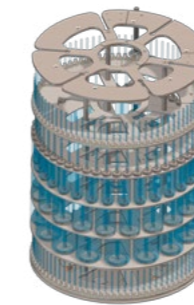


6 / 12 axes
D6 ≤ 145 mm /
D12 ≤ 100 mm



14 axes
D ≤ 85 mm

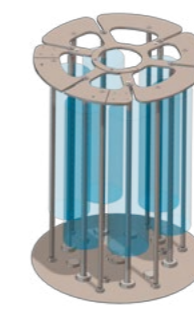
711



Double rotation
D ≤ 600 mm

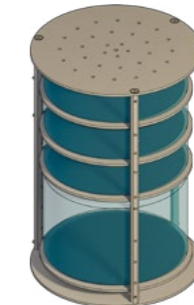


3 axes for kicker
D ≤ 160 mm

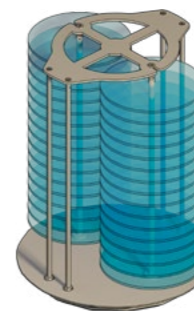


6 axes for kicker or gearboxes
D ≤ 143 mm

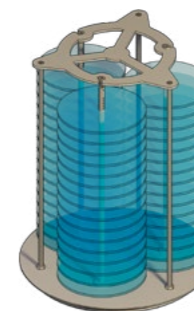
1011 / 1511



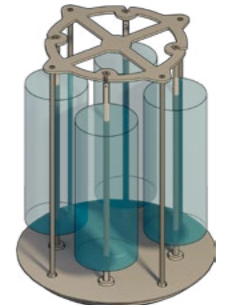
Single rotation
D ≤ 700 mm



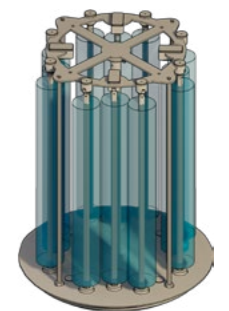
2 axes for saw blades with overlap
D ≤ 450 mm



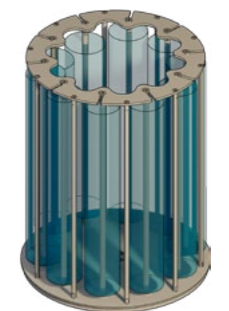
3 axes for saw blades with overlap,
D ≤ 420 mm
without overlap,
D ≤ 250 mm



4 axes for kicker
D ≤ 270 mm



4 / 8 / 12 axes for kicker
D ≤ 170 mm



10 axes for gearboxes
D ≤ 143 mm

Design and operating principle



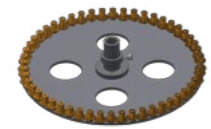
Holder for shank tools

- Sleeves and revolvers for holding shank tools



Disc with gears

- For sleeves
- Tools rotate stepwise, driven by kickers from the side



Gearbox for triple rotation

- For sleeves
- Tools rotate continuously, centrally driven
- Gearbox simplifies the loading of batches considerably as no kicker adjustment is required



Quad gearbox for quad rotation

- For optimal utilization of the available loading volume
- Suitable for shank tools ≤ 8 mm and single-origin loads
- Tools rotate stepwise, driven by kickers from the side



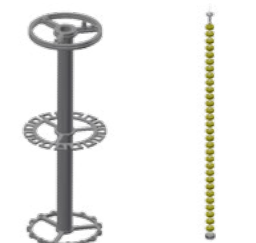
Holder for deep drawing dies (rings)

- For holding deep drawing dies (rings)
- Tools rotate continuously



Holder for hobs

- For holding hobs with and without shank
- Hobs rotate continuously



Holder for inserts

- For holding inserts on rods
- Inserts rotate stepwise, driven by kickers from the side
- Loaded holder can be used for all process steps of a turnkey system



Holder for molds and dies

- For holding molds and dies vertically or horizontally
- Vertical holder with slots allows for flexible clamping of the tools by screws or magnets



Holder for saw blades

- For holding and separation of saw blades
- Saw blades rotate continuously



Accessories

- For holding test pieces
- Dummy as a placeholder for empty gearbox positions
- Dummy cage as a placeholder for empty satellite positions

Loading capacities



OVERVIEW

Coating unit	Tool type	Tool diameter	Tool length	Satellites	Discs/satellite	Holders/disc	Tools/holder	Tools/disc	Tools/batch
Pi111	Shank tool	6 mm	50 mm	4	4	5	9	45	720
		6 mm	50 mm	4	5	8	4	32	640
		6 mm	50 mm	4	5	18	1	18	360
		8 mm	60 mm	4	4	18	1	18	288
		10 mm	70 mm	4	4	18	1	18	288
		20 mm	100 mm	4	3	12	1	12	144
	Insert	20 mm	6 mm	4	1	15	28	420	1680
	Hob	80 mm	120 mm	4	3	1	1	1	12
		80 mm	180 mm	4	2	1	1	1	8
		75 mm	180 mm	10	2	1	1	1	20

Coating unit	Tool type	Tool diameter	Tool length	Satellites	Gearboxes/satellite	Holders/gearbox	Tools/holder	Tools/gearbox	Tools/batch
Pi411	Shank tool	6 mm	50 mm	7	4	5	9	45	1260
		6 mm	50 mm	7	5	8	4	32	1120
		6 mm	50 mm	7	5	18	1	18	630
		8 mm	60 mm	7	4	18	1	18	504
		10 mm	70 mm	7	4	18	1	18	504
		20 mm	100 mm	7	3	12	1	12	252
	Insert	20 mm	6 mm	7	1	15	28	420	2940
	Hob	80 mm	120 mm	14	3	1	1	1	42
		80 mm	180 mm	14	2	1	1	1	28

Coating unit	Tool type	Tool diameter	Tool length	Satellites	Gearboxes/satellite	Holders/gearbox	Tools/holder	Tools/gearbox	Tools/batch
PL711	Shank tool	6 mm	50 mm	6	6	8	4	32	1152
		6 mm	50 mm	6	6	18	1	18	648
		8 mm	60 mm	6	6	18	1	18	648
		10 mm	70 mm	6	5	18	1	18	540
		20 mm	100 mm	6	4	12	1	12	288
	Insert	20 mm	6 mm	6	1	15	22	330	1980
	Molds & dies	150 mm	150 mm	4	4	1	1	1	16
	Sliding parts with DLC2	25 x 10 mm	150 mm	4	6	4	1	1	96

Coating unit	Tool type	Tool diameter	Tool length	Satellites	Discs/satellite	Holders/disc	Tools/holder	Tools/disc	Tools/batch
PL1011	Shank tool	6 mm	50 mm	4	8	23	4	92	2944
		6 mm	50 mm	4	8	42	1	18	1344
		8 mm	60 mm	4	7	42	1	42	1176
		10 mm	70 mm	4	6	42	1	42	1008
		20 mm	100 mm	4	4	36	1	36	576
	Insert	20 mm	6 mm	4	2	36	30	1080	8640
	Hob	80 mm	120 mm	12	6	1	1	1	72
		80 mm	180 mm	12	4	1	1	1	48

Coating unit	Tool type	Tool diameter	Tool length	Satellites	Gearboxes/satellite	Holders/gearbox	Tools/holder	Tools/gearbox	Tools/batch
Pi1511	Shank tool	6 mm	50 mm	10	7	5	9	45	3150
		6 mm	50 mm	10	8	8	4	32	2560
		6 mm	50 mm	10	8	18	1	18	1440
		8 mm	60 mm	10	7	18	1	18	1260
		10 mm	70 mm	10	6	18	1	18	1080
		20 mm	100 mm	10	5	12	1	12	600
	Insert	20 mm	6 mm	10	2	12	30	360	7200
	Hob	80 mm	120 mm	12	6	1	1	1	72
		80 mm	180 mm	12	4	1	1	1	48

Legend

Tool in a sleeve, driven by a gearbox	Tool in a revolver, driven by a gearbox	Tool in a sleeve, driven by a quad gearbox
Tool in a sleeve, driven by a kicker	Tool in a revolver, driven by a kicker	
Insert with a hole, speared on a rod	Hob on a satellite	



VISIT US AT: WWW.PLATIT.COM



PLATIT CONTACT INFORMATION

PLATIT AG

Headquarters
Eichholzstrasse 9
CH-2545 Selzach
info@platit.com
+41 32 544 6200

PLATIT AG

Custom Coating Solutions (CCS)
Champ-Paccot 21
CH-1627 Vaulruz
info@platit.com
+41 32 544 6290

Subsidiaries:

PLATIT a.s.

Production, R&D, Service, CEC
Průmyslová 3020/3
CZ-78701 Šumperk
info@platit.com
+420 583 241 588

PLATIT Advanced Coating Systems (Shanghai) Co., Ltd

Sales, Service, CEC
No. 161 Rijing Road (Shanghai) PFTZ
CN-200131 Pudong Shanghai
china@platit.com
+86 2158 6739 76

PLATIT Inc.

Sales, Service, CEC
1840 Industrial Drive, Suite 220
Libertyville, IL 60048, US
usa@platit.com
+1 847 680 5270
Fax: +1 847 680 5271

PLATIT Scandinavia ApS

Sales
Universitetsparken 7 / PO Box 30
DK-4000 Roskilde
scandinavia@platit.com
+45 46 74 02 38