



RANGE

PL

SELF-LEVELLING

ROAD PLANERS

PL 25.10

PL 35.15

PL 40.15

PL 45.20

PL 45.20 HP

PL 50.20

PL 60.20

PL 60.20 HP

PL 75.20

PL 1000

PL 1200

PL 1500

PL 2000

PL 40.35

- Constant planing depth
- Perfect finishing with side-by-side passes
- Maximum safety
- Stability and no vibrations
- Optimal visibility for the operator

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PL 35.15
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Simex PL self-levelling road planers are designed for removing the entire layer of asphalt or concrete in preparation for trenching or for milling deteriorated sections for later resurfacing. Created to mill pre-set sections on hard and compact surfaces such as asphalt and concrete, they allow the possibility to reuse milled material for backfilling trenches.

Thanks to the exclusive self-levelling system, planing depth is constant in any condition.

SIMEX **PERFORMER**
• patent •



ADVANTAGES

- Constant planing depth
- Perfect surfaces with side-by-side passes
- Maximum safety
- Stability and no vibrations
- Optimal visibility for the operator



TECHNICAL DATA		STANDARD FLOW PLANERS		HIGH FLOW PLANERS	
		PL 25.10	PL 35.15	PL 40.15	PL 45.20
Standard drum					
Width	mm Inch	250 10	350 14	400 16	450 18
Depth	mm inch	0 - 70 0 - 2,7	0 - 110 0 - 4,3	0 - 150 0 - 5,9	0 - 150 0 - 5,9
Special drums					
Max. depth with reduced width	mm inch	130 5	150 6	170 7	200 8
Depth adjustment		independent RH/LH, mechanical – hydraulic optional			
Side shift		mech.	mech/hyd. *	mech/hyd. *	hydraulic
Transverse tilt		-	autom*	autom*	autom/hyd.*
Tilt		-	16°	16°	16°
Weight standard version (1)	kg lbs	350 770	590 1300	660 1450	750 1650
Weight version with integrated spray system (1)	kg lbs	-	750 1650	820 1800	910 2000
Required oil flow	l/min gpm	30 - 60 8 - 16	45 - 80 12 - 21	65 - 115 17 - 30	75 - 115 20 - 30
Max. oil pressure	BAR psi	250 3625	250 3625	250 3625	310 4500
Dust control spray system		kit for SSL roof with electro-pump or built into side shift with electro-pump			

(1) User is responsible for ensuring that the characteristics of the prime mover suit the weight and specifications of the attachment.

(*) On request

Simex does not accept responsibility or liability for the information provided. Technical modifications may vary without prior notice.

HIGH POWER PLANERS		HIGH POWER AND HIGH FLOW PLANERS			MILLING				HIGH DEPTH
PL 45.20 HP	PL 50.20	PL 60.20	PL 60.20 HP	PL 75.20	PL 1000	PL 1200	PL 1500	PL 2000	PL 40.35
450 18	500 20	600 24	600 24	750 30	1000 40	1200 48	1500 60	2000 80	400 16
0 - 170 0 - 6,7	0 - 170 0 - 6,7	0 - 170 0 - 6,7	0 - 170 0 - 6,7	0 - 170 0 - 6,7	0 - 130 0 - 5	0 - 130 0 - 5	0 - 130 0 - 5	0 - 130 0 - 5	100 - 350 4 - 13,7
230 9	230 9	230 9	230 9	230 9	130 5	130 5	130 5	130 5	350 13,7
independent RH/LH, mechanical – hydraulic optional									
hydraulic									
autom/hyd.*									
16°	16°	16°	16°	16°	16°	16°	16°	16°	16°
860 1900	900 2000	950 2100	1000 2200	1050 2300	1090 2400	1210 2660	1290 2840	1630 3600	1150 2530
1020 2150	1060 2330	1110 2440	1160 2550	1210 2660	1250 2750	1370 3000	1555 3430	1895 4170	-
100 - 150 27 - 40	100 - 150 27 - 40	100 - 150 27 - 40	110 - 170 29 - 45	110 - 170 29 - 45	110 - 190 29 - 50	120 - 190 32 - 50	130 - 200 34 - 53	130 - 200 34 - 53	110 - 170 29 - 45
310 4500	310 4500	310 4500	310 4500	310 4500	310 4500	310 4500	310 4500	310 4500	310 4500
kit for SSL roof with electro-pump or built into side shift with electro-pump									

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Utilities

Quarries and mines

Demolition

Port and underwater works

Construction and building

Infrastructure

Tunneling

Agriculture and forestry

Recycling

Roadworks

Trenching

Mini-excavator

Excavator

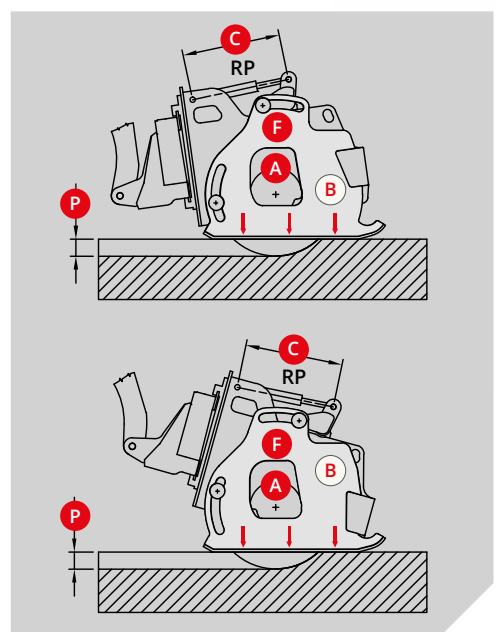
Skid steer loader

Front loader

Backhoe

SELF-LEVELLING SYSTEM: CONSTANT PLANING DEPTH AT ALL TIMES

The self-levelling to the work surface ensures constant planing depth in any condition regardless of the ground contour and the position of the attachment with respect to the base machine. The lateral slides of the planer automatically align to the milling surface, providing maximum stability. The slides move independently of each other and precisely follow the surface to the right or left. The independent depth adjustment on RH and LH sides combined with the self-levelling system achieves perfectly flat surfaces with side-by-side passes.



SIMEX
• patent •



INDEPENDENT RH-LH DEPTH ADJUSTMENT.

Mechanical or hydraulic adjustments (*optional*).
Right and left depth indicator.

The RP depth adjuster (mechanical or hydraulic) moves the pivot up and down **F** to set the working depth **P**. If the planer is not horizontal to the ground, the side panel **B** rotates forward or back with respect to the virtual axis **A**.

SIMEX • patent • **PERFORMER**

Performer: informs the operator how to work with Simex attachments to maximize power and performance (*optional*).

FLOATING TRANSVERSE TILT WITH DAMPER

Alternatively, hydraulic adjustment (*optional*) with possibility of floating movement.

SPRAY SYSTEM WITH TANK BUILT INTO FRAME

Includes electro-pump, filter and sprayers (tank also available for positioning on base machine). Controls dust produced during milling operations.



SIMEX
• patent •

HYDRAULIC SIDE SHIFT

(mechanical for PL 25.10, PL 35.15 and PL 40.15). Used in central or lateral position, to the right side for milling flush to the wall.

MILLED MATERIAL REMAINS IN THE WORK AREA

No accidental launch of material since slides are in perfect adherence to work surface.

DRUMS IN DIFFERENT WIDTHS AND TEETH LAYOUT FOR ASPHALT OR CONCRETE

Multi-teeth drum for fine surface milling. Millimetric precision thanks to the self-leveling system that maintains constant working depth. Ideal for removal of road surface marking, for creating rumble strips or surface roughness

