

TECHNICAL DATA

	STANDARD FLOW PLANERS		HIGH POWER PLANERS		HEAVY DUTY POWER PLANERS FOR					
	PL 25.10	PL 35.15	PL 45.20	PL 55.20	PLANING			SCARIFICATION	HIGH DEPTH	
					PL 50.20	PL 60.20	PL 75.20	PL 1000	PL 40.35	
Standard drum										
Width	250	350	450	550	500	600	750	1000	400	mm
Depth	0-70	0-110	0-150	0-150	0-170	0-170	0-170	0-130	100-350	mm
Teeth (drum for asphalt)	36	42	48	55	54	60	66	78	84	pcs.
Teeth (drum for concrete)	42	60	68	78	72	84	96	138	-	pcs.
Teeth (multi-teeth drum)	128	183	208	282	234	308	-	508	-	pcs.
Special drums (1)										
Width	25-250	30-400	30-400	30-550	50-500	50-600	75-750	500+500	250-400	mm
Max depth	130	150	200	200	230	230	230	130	350	mm
Self levelling angle	30°	30°	30°	30°	30°	30°	30°	30°	26°	
Average planing speed (2) (Standard drum, 50% of depth)	80-400	80-400	100-500	80-400	90-400	90-400	60-300	80-400	50-400	cm/min
Depth adjustment right/left independent - mechanical or hydraulic*										
Side shift	mech./hydr.*	mech./hydr.*	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	hydr.	
Shift	750-(650*)	800-(650*)	650-(1250*)	650-(1250*)	650-(1250*)	650-(1250*)	650-(1250*)	650-(1250*)	650	mm
Min.distance from side path	50-(30°)	50-(30°)	65-(30°)	65-(30°)	65-(30°)	65-(30°)	65-(30°)	65-(30°)	65	mm
Tilt	on request	on request	automatic	automatic	automatic	automatic	automatic	automatic	automatic	
On request	Autom./hydraulic	Autom./hydraulic	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic	
Inclination	-	16° (optional)	16°	16°	16°	16°	16°	16°	16°	
Operating weight (3)	350	590(1)-850	790(1)-940	840(1)-1050	900(1)-1050	950(1)-1100	1050(1)-1250	1090(1)-1200	1150(1)-1270	kg
Requested oil flow rate	30-60	45-75	65-140	70-140	90-160	90-160	110-180	95-200	90-180	l/min
Requested pressure (4)	240-160	240-160	300-160	300-160	300-160	300-160	300-180	350-160	320-160	BAR
Dust prevention water system*	Kit for Skid Steer Loader roof with electropump or Integrated into the side shift with electropump									
Removal belt*	-	-	hydr. w/adj. speed	-	hydr. with adjustable speed				-	
Material discharge side	-	-	left or right	-	left or right				-	
Belt side shift	-	-	manual	-	manual				-	

(*) Optionals.
 (1) Concerning the planer standard version, without removal belt.
 (2) The planing speed is decisively affected by the hardness of the material to be planed, by the planing depth, by the hydraulic power available.
(3) The user is responsible for checking that the prime mover meets the equipment's specifications and weight requirements.
 (4) The pressure must be in inverse relation with the flow rate available and vice versa

ROTARY SCABBLER VERSION	PL 45.20	PL 55.20	PL 60.20	
Depth of cut	from 0 to 10	from 0 to 10	from 0 to 10	mm
Maximum cutting width	300	400	400	mm
Requested oil flow rate	50-80	60-90	60-90	l/min
Drum	with 6 cutter shafts			
Wide cutters (warning)	with thickness 3 or 8 mm otherwise special for milling "sound grooves"			



PLANERS WITH "SELF LEVELLING" FEATURE

PL 25.10 - 35.15 - 45.20 - 55.20 - 50.20 - 60.20 - 75.20 - 1000 - 40.35

Materials and specifications liable to change without prior warning. The equipment illustrated can be fitted with further equipment and accessories available on request only. SIMEX 18A08



- ✔ Ideal for asphalt and concrete.
- ✔ Innovative SIMEX Patent: “Self levelling feature of both left and right slides”.
- ✔ Independently from the position of the planer and the ground contour, it allows:
 - CONSTANT PLANING DEPTH under any condition;
 - MAXIMUM STABILITY and no vibration;
 - PERFECT CONTAINMENT of the spoil.



- ✔ In addition, the SIMEX Self Levelling feature combined with the SIMEX independent depth adjustment on both left and right sides and the Transverse Tilt Damped System, allows:
 - PERFECT LEVELLING OF PLANED SURFACES, thanks to the complete removal of drops between side by side passes;
 - PERFECT ADHERENCE of the planer in the presence of uneven grounds, sidewalks, rises and bumps.



- ✔ Hydraulic piston motors direct driving with the planing drum: high performance and low overheating.
- ✔ Drums and discs available in several sizes, easily and quickly replaceable, for all kind of works, both generic and specific.
- ✔ Low costs of maintenance, as far as the only replacement of the used up tools.

PLANING FOR CANALIZATIONS



Total dismantling of the whole asphalt coating.

Production of spoil ready at once to fill the dig.

Great saving because:

- the costs for draining the coatings into slabs are eliminated;
- the costs for handling of machines are eliminated;
- the costs of the filling are reduced.

Low costs of maintenance, as far as the only replacement of the used up tools.

Carrying out of digs with parallel and straight edges.

Creation of rough edges for a more effective fastening of the new closing carpet.



WORKS STRICTLY CLOSE TO THE WALL AND FINISHING WORKS



Ideal for planing up to 2/3 cm from the side wall.

Great handiness and speed for works in urban centres, in presence of manholes, sidewalks, poles.

Optimum for finishing the works made by bigger planers.



HIGH DEPTH

Specially designed for the roadways where big thickness of asphalt have piled up in time.

Ideal in all planing works for canalizations.



SCARIFICATIONS AND RESTORATIONS



Achieve perfect planes through the complete elimination of each gradient between side by side passes.

Ideal for the use on large surfaces.

Comfort and practicality in use also in narrow spaces.

Allow to give the desired slope to the scarified surface.



Surface restorations (3 cm.) without any trouble to the traffic.

Particularly indicated for planing again the bumps created by previous digs and badly compacted.



WE DESIGN
CUSTOMER SATISFACTION.

SURFACE PLANNING

ROTARY SCABBLER



MULTITEETH



Particularly performing (thanks to the slides' Self-levelling-Simex Patent) to create:

- great areas perfectly flat and without any steps;
- sound bands;
- greater grip on dangerous roadways;
- preparation of surfaces for new paving;
- removal of strong traffic signs.

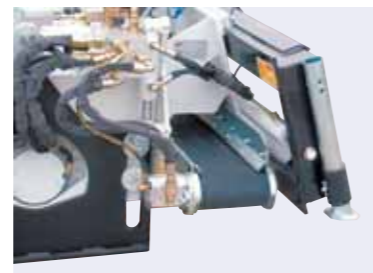
VERSION WITH REMOVAL BELT FOR SPOIL REMOVAL



It allows to clean the planed trench discharging the spoil to the left or right side of the machine.

It allows to remove very quickly the spoil from the planed area, so that this spoil may be easily used again.

It can be used with standard drum.



NEWS

BUILT-IN WATER TANK.

SIMEX
PATENT

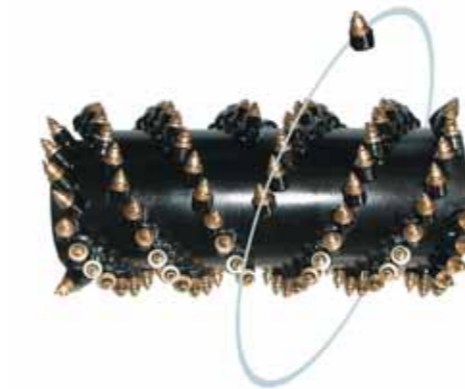
To eliminate the dust problem and to increase the pick life, we have designed a water tank which is built into the planer.



- ✓ Built into the planer, the water tank does not increase the machine's overall dimensions.
- ✓ Completely shock proof and protected from damage.
- ✓ Manufactured from a plastic material, the container holds 110 litres of water.
- ✓ Equipped with a water pump the system can be supplied with 2, 3, 4 nozzles.
- ✓ No maintenance and no assembly necessary.
- ✓ Handy and easy to fill up.
- ✓ Easy control of water level.

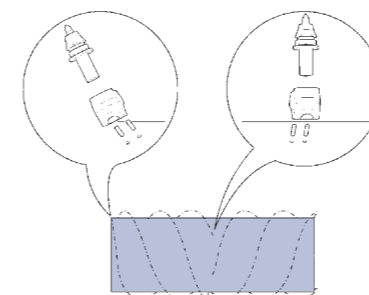
SPECIAL DRUMS.

SIMEX
PATENT



With the new Simex Patent, it is possible to replace worn out TOOTH HOLDERS from your cutter and perfectly re-position them. The result being: less machine idle time and performance always at its best.

The new SIMEX patent offers longer life to your cutter. From this moment on, it will be possible to replace worn out tooth holders and bring the cutter to its best performance. The new patent ensures tooth holder perfect re-positioning as per drawings:



- ✓ angle and axial positioning,
- ✓ longitudinal slanting,
- ✓ side tilting of replaced teeth, as per original version.

New Simex patent. Little is needed for restoring maximum performance.