
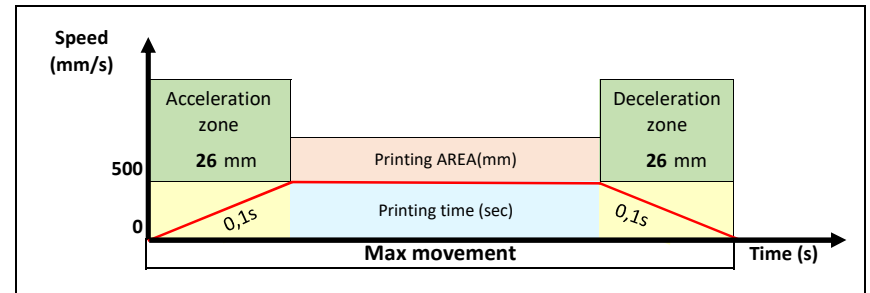


SGRP		
Speed at delivery	500 mm/s	
Acceleration	5000 mm/s ²	
Time to accelerate	0,1 s	
Acceleration zone	26 mm	
Decelerate zone	26 mm	

Type	MAX DISTANCE (mm)	MAX PRINTING AREA (mm)	TOTAL TIME MOVEMENT (s)	PRINTING TIME (s)
SGRP 100	100	48	0,3	0,1
SGRP 200	200	148	0,5	0,3
SGRP 300	300	248	0,7	0,5
SGRP 400	400	348	0,9	0,7
SGRP 500	500	448	1,1	0,9
SGRP 600	600	548	1,3	1,1
SGRP 700	700	648	1,5	1,3
SGRP 800	800	748	1,7	1,5
SGRP 900	900	848	1,9	1,7
SGRP 1000	1000	948	2,1	1,9
SGRP 1100	1100	1048	2,3	2,1
SGRP 1200	1200	1148	2,5	2,3
SGRP 1300	1300	1248	2,7	2,5
SGRP 1400	1400	1348	2,9	2,7
SGRP 1500	1500	1448	3,1	2,9



Using the table

Inkjet printing requires speed stability which is not possible during acceleration and deceleration phases. The stabilized speed for each SGRP model is defined in this table with the programmed presets, ie a speed of 500 mm per second under an acceleration of 5 meters / s².

Look in the MAX PRINTING AREA column for the value just above that requested to find the corresponding SGRP model.

Example:

You want a printing area of 400mm. The top fair value in the MAX PRINTING AREA column is 448mm which corresponds to an SGRP 500. The total time displacement will be 1.1 second for 500 mm maximum stroke

This time can be adjusted by modifying the acceleration and the speed which are configurable by software.

- Increasing the speed decreases the total time and the marking area.
- Increase acceleration increases the marking area