

Relationships Among Weight, Fuser Speed, and PPM

Paper Quality (Paper Type Mode)	Domestic Specification Weight (gsm) <Mode 2>	M/N Specification Weight (gsm) <Mode 1>	Fuser Speed (mm/s)	Fuser Motor			PPM
				CLK (Hz)	---	---	
Thin Coated Paper (Thin Coated Paper Mode)	64 ~ 80 Coated Paper	64 ~ 105 Coated Paper	340.000	1829.5	---	---	45
Thin Paper (Thin Paper Mode)	64 ~ 80	64 ~ 105	340.000	1829.5	---	---	45
Normal Paper (Normal Paper Mode)	80 ~ 105	106 ~ 135	266.533	1434.2	---	---	60
Thick Paper (Thick Paper Mode)	106 ~ 150	136 ~ 220	198.000	1065.4	---	---	30
Super-Thick Paper (Super-Thick Paper Mode)	151 ~ 253	221 ~ 280	132.000	710.6	---	---	22.5
OHP (OHP Mode)	V556, V514, V524	3R5765, 3R3108, 3R5775	120.000	645.7	---	---	22.5

Clock Calculation Formula: $\text{Clock (Hz)} = 5.381 \times \text{Fuser Speed (mm/s)}$

Fuser Motor Transition Characteristics

Fuser Speed Change	Transition Characteristic Time	Notes
0 → 340 (all speed)	330 msec maximum	Won't make it in a distance of 104 mm.
120 → 340	300 msec maximum	Will make it in a distance of 104 mm.
340 → 120	300 msec maximum	Will make it in a distance of 104 mm
266 → 340	300 msec maximum	Will make it in a distance of 104 mm