

INK COST SAVINGS ESTIMATION

Press



Press type: **Single sided**
 Average runlength: **10000** rotations
 Average sheet size(*): 1.124 m²
 m² of plates (*): 227 m²

Paper



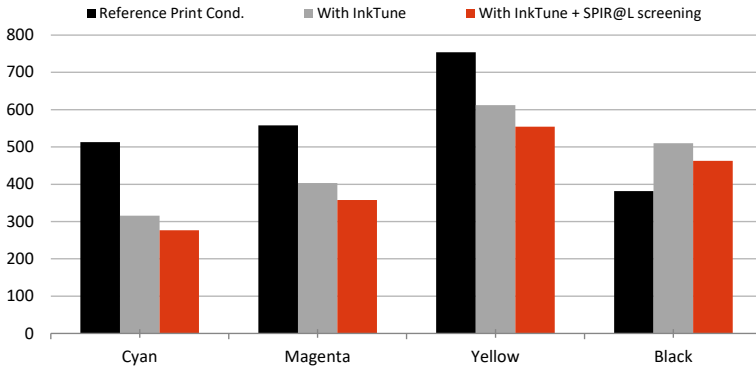
Papertype: **Light Weight Coated**
 Grammage: **55** gr/m²
 Total paper used (*): 29.68 tonnes
 539,674 m²

Ink

Ink mileage: **Consumption**
 CMY: 1.7 g/m²
 Black: 1.5 g/m² ☐ Custom
 Price/kg
 Cyan 3.0 Magenta 3.0 Yellow 3.0 Black 2.5 €
 Total ink usage (*): 760 Kg = 2207 €



Ink cost for tested jobs



Estimated Ink Savings For 48 sample jobs



	InkTune	SPIR@L	InkTune + SPIR@L
Amount of jobs	48	48	48
Average Ink cost save:	-12.2%	-10.2%	-21.1%
Amount of Ink saved (total):	-113.4	-66.2	-179.5
Ink mileage improvement:	-0.21	-0.12	-0.33
Total Ink cost save:	366	189	555
Inksavings /tonne paper:	-3.82	-2.23	-6.05
Inksavings /m ² of plates:	1.61	0.83	2.45



Customer / Job Details

data: 23/06/2022
 Inksave prediction with SPIR@L screen
 154 lpi 2400 H2s4 C20G30 vs AM
 Image Coverage
 Average of original Jobs: 83% 18% / 20% / 25% / 19%
 Average of inksaved Jobs: 66% 11% / 14% / 19% / 22%

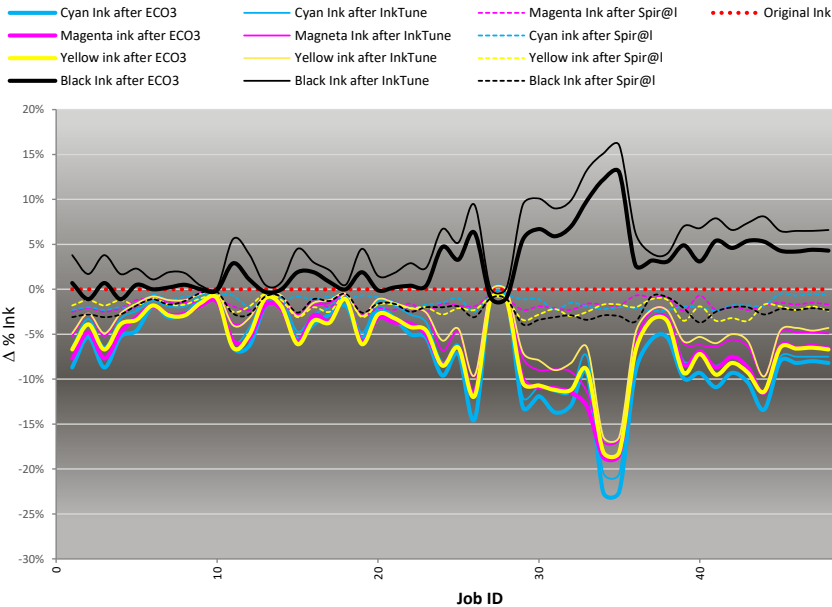
Cost Factors

CMY ink cost factor: 1.00
 K Ink cost factor: 0.76
 Average CMY save: 23.9%
 Average K-Increase 3.5%
 Average m² of all jobs: 1.12

Saving statistics

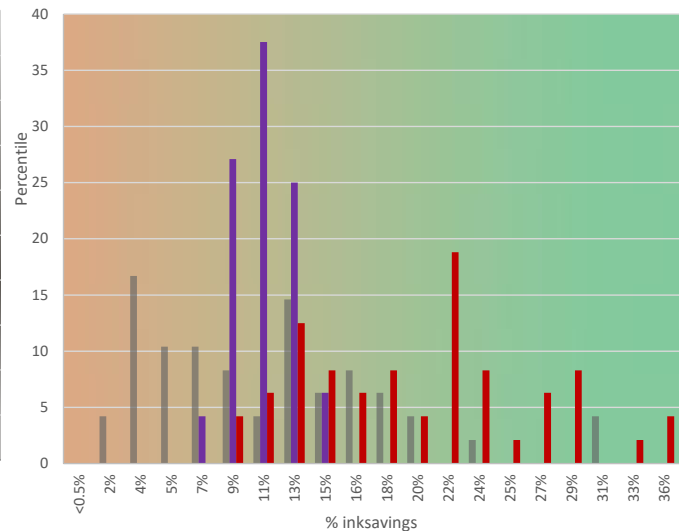
	InkTune	SPIR@L	Total ECO ³
Average. Ink savings %	10.2%	10.0%	19.2%
Max ink savings %	29.7%	13.1%	36.3%
Median ink savings %	9.4%	10.3%	19.2%
Jobs with 0% of savings	0.0%	0.0%	0.0%

Ink Change per job



Distribution of ink savings

- Distribution of relative ink savings by InkTune
- Distribution of relative ink savings by SPIR@L
- Distribution of relative Ink savings by InkTune + SPIR@L





INK COST SAVINGS ESTIMATION

Customer / Job Details				Cost Factors		Saving statistics		InkTune	SPiR@L	Total ECO ³
data: 23/06/2022				CMY ink cost factor:	1	Average ink cost save		12.2%	10.2%	21.1%
Inksave prediction with SPiR@L screen				K Ink cost factor:	0.758	Average, Ink savings %		10.2%	10.0%	19.2%
154 lpi 2400 H2s4 C20G30 vs AM				Average CMY save:	23.9%	Max ink savings %		29.7%	13.1%	36.3%
Original Job: 83% 18% / 20% / 25% / 19%				Average K-Increase	3.5%	Median ink savings %		9.4%	10.3%	19.2%
Number of jobs: 48	Inksaved:	66%	11% / 14% / 19% / 22%	Average m ² of all jobs:	1.12	Jobs with 0% of savings		0.0%	0.0%	0.0%



Job ID	Filename_Page	Order Name	Ink % Original Job				Ink % after InkTune				Ink % after InkTune and SPiR@L				m ² per rotation	Relative Inksave by IT	Relative Costsave by IT	Relative Inksave by @	Relative costsave by @	ECO ³ Ink savings
			cyan	Mag.	Yellow	Black	cyan	Mag.	Yellow	Black	cyan	Mag.	Yellow	Black						
1	B&K-303133_Burda_Biltema-Brochure	IS prediction InkTune SA + SPiR	28.2	20.1	17.5	41.9	21.8	14.9	12.6	45.7	19.5	12.4	10.8	42.6	0.54	11.8%	14.0%	10.2%	10.7%	20.8%
2	B&K-303133_Burda_Biltema-Brochure	IS prediction InkTune SA + SPiR	24.1	15.1	10.0	36.3	20.8	12.4	7.3	38.0	18.8	10.3	6.1	35.2	0.54	8.2%	9.7%	10.3%	10.7%	17.7%
3	B&K-303133_Burda_Biltema-Sweden	IS prediction InkTune SA + SPiR	28.2	20.1	17.5	41.9	21.8	14.9	12.6	45.7	19.5	12.4	10.8	42.6	0.54	11.8%	14.0%	10.2%	10.7%	20.8%
4	B&K-303133_Burda_Biltema-Sweden	IS prediction InkTune SA + SPiR	24.1	15.1	10.0	36.3	20.8	12.4	7.3	38.0	18.8	10.3	6.1	35.2	0.54	8.2%	9.7%	10.3%	10.7%	17.7%
5	B&K-303688_Burda_Ums-Reder_Spiral	IS prediction InkTune SA + SPiR	19.4	22.7	30.1	16.6	17.0	20.8	28.5	18.9	14.8	19.6	26.7	17.1	0.51	4.1%	4.9%	8.2%	8.1%	11.9%
6	B&K-303688_Burda_Ums-Reder_Spiral	IS prediction InkTune SA + SPiR	6.9	11.6	14.3	14.3	5.6	10.8	13.5	15.4	5.0	9.7	12.5	14.3	0.51	3.8%	4.7%	8.4%	8.5%	11.9%
7	B&K-303804_YR_Slimkat-April2-A1_F0	IS prediction InkTune SA + SPiR	9.4	14.1	22.5	13.9	7.5	12.8	21.3	15.8	6.3	11.3	19.6	14.1	0.39	4.2%	5.2%	10.6%	10.6%	14.4%
8	B&K-303804_YR_Slimkat-April2-A1_F0	IS prediction InkTune SA + SPiR	7.0	14.4	18.3	11.5	5.1	13.2	17.1	13.3	4.3	11.7	15.4	12.0	0.39	4.9%	6.1%	10.9%	11.0%	15.2%
9	B&K-304002_TOKYOPOP_YOMIMONO_I	IS prediction InkTune SA + SPiR	5.3	12.1	9.1	13.6	4.7	11.7	8.6	14.0	4.1	10.3	7.6	13.6	0.54	2.7%	3.3%	8.7%	9.3%	11.2%
10	B&K-304002_TOKYOPOP_YOMIMONO_I	IS prediction InkTune SA + SPiR	6.1	9.3	6.3	13.2	5.7	9.0	6.0	13.4	5.1	7.9	5.3	13.1	0.54	2.3%	2.7%	7.9%	8.5%	10.0%
11	B&K-304180_PH_Ums-Fashion-3-FS20	IS prediction InkTune SA + SPiR	10.6	27.0	25.5	15.3	4.8	23.2	21.5	20.9	4.1	21.3	19.0	18.2	0.56	10.2%	12.5%	11.1%	10.9%	20.2%
12	B&K-304180_PH_Ums-Fashion-3-FS20	IS prediction InkTune SA + SPiR	17.0	17.2	15.0	26.7	12.7	14.0	11.8	30.6	10.7	11.7	9.9	27.8	0.56	9.0%	11.2%	13.0%	13.5%	20.8%
13	B&K-304002_TOKYOPOP_YOMIMONO_I	IS prediction InkTune SA + SPiR	9.2	11.3	6.7	18.3	8.5	10.8	6.2	18.8	7.3	9.5	5.7	18.0	0.54	2.6%	3.2%	8.6%	9.1%	11.0%
14	B&K-304002_TOKYOPOP_YOMIMONO_I	IS prediction InkTune SA + SPiR	10.0	13.9	10.6	12.9	9.1	13.2	9.9	13.7	7.9	11.7	8.7	12.9	0.54	3.2%	3.8%	10.2%	10.6%	13.1%
15	B&K-304200_Bunte_Ums-1120_Form1	IS prediction InkTune SA + SPiR	10.8	25.4	29.2	19.7	6.1	22.5	26.2	24.2	5.3	19.6	23.1	21.6	0.55	7.2%	9.0%	11.9%	12.0%	18.2%
16	B&K-304200_Bunte_Ums-1120_Form1	IS prediction InkTune SA + SPiR	12.3	9.9	19.9	7.3	9.5	8.1	18.4	10.3	8.4	7.0	16.4	9.2	0.55	6.3%	8.0%	11.4%	11.5%	17.0%
17	B&K-304749_TSB_Ums-LenteErpUlk-0	IS prediction InkTune SA + SPiR	8.9	17.9	20.2	10.2	6.9	16.4	19.0	12.3	6.1	14.4	16.5	11.0	0.53	4.5%	5.7%	12.1%	12.2%	16.1%
18	B&K-304749_TSB_Ums-LenteErpUlk-0	IS prediction InkTune SA + SPiR	10.4	6.6	6.8	11.1	9.7	6.1	6.3	11.6	8.6	5.5	5.7	11.1	0.53	3.4%	4.1%	8.3%	8.7%	11.5%
19	B&K-304200_Bunte_Ums-1120_Form2	IS prediction InkTune SA + SPiR	10.9	25.4	29.1	19.7	6.1	22.5	26.1	24.2	5.4	19.6	23.0	21.6	0.55	7.3%	9.1%	11.8%	11.9%	18.2%
20	B&K-304969_Funke_Umschlag-NurTV+	IS prediction InkTune SA + SPiR	20.5	30.5	27.9	13.7	19.2	29.4	26.8	15.2	18.3	27.3	25.1	13.6	0.54	2.2%	2.6%	7.0%	6.8%	9.0%
21	B&K-304969_Funke_Umschlag-NurTV+	IS prediction InkTune SA + SPiR	20.9	28.7	22.7	14.3	19.1	27.3	21.2	16.1	17.7	25.0	19.5	14.5	0.54	3.3%	4.0%	8.4%	8.3%	11.4%
22	B&K-305144_Focus_Ums-2620_F01-Re	IS prediction InkTune SA + SPiR	22.5	45.1	46.8	23.5	19.7	42.9	44.7	26.4	17.5	41.3	42.6	23.9	0.54	3.0%	3.7%	6.3%	6.1%	9.1%
23	B&K-305144_Focus_Ums-2620_F01-Re	IS prediction InkTune SA + SPiR	15.8	25.9	25.3	31.1	12.1	23.3	22.7	33.5	10.4	20.8	20.7	31.5	0.54	6.6%	7.8%	9.0%	9.2%	15.0%
24	EDP_72329_MENY_WEEK_43_DRUGI_KLP	IS prediction InkTune SA + SPiR	18.0	22.9	36.4	16.8	9.9	16.1	30.7	23.5	8.4	14.5	27.9	21.5	1.71	14.8%	17.2%	9.9%	10.0%	23.2%
25	EDP_72329_MENY_WEEK_43_DRUGI_KLP	IS prediction InkTune SA + SPiR	14.5	21.7	32.2	15.2	8.3	17.0	27.8	20.4	7.3	15.2	25.7	18.5	1.71	12.1%	14.2%	9.3%	9.2%	20.2%
26	EDP_72466_MENY_47_CHMURA_INP_CTM	IS prediction InkTune SA + SPiR	28.4	26.3	29.1	26.6	16.4	16.7	19.5	36.0	13.9	14.8	17.2	32.9	1.60	19.7%	23.2%	11.1%	11.3%	28.6%
27	EDP_72385_PROSPEKT_NOVEMBER_201	IS prediction InkTune SA + SPiR	5.1	6.1	16.8	11.5	4.9	5.9	16.6	11.6	4.3	5.2	15.7	10.6	1.78	1.3%	1.4%	8.2%	8.2%	9.4%
28	EDP_72385_PROSPEKT_NOVEMBER_201	IS prediction InkTune SA + SPiR	5.1	9.4	19.4	14.3	4.9	9.2	19.3	14.5	4.3	8.1	18.1	13.4	1.78	0.6%	0.8%	8.4%	8.4%	8.9%
29	EDP_72495E_KVICKLY_47-19_CHMURA_I	IS prediction InkTune SA + SPiR	20.5	40.8	48.9	20.4	8.5	33.2	41.9	29.8	7.4	30.9	38.5	25.9	1.80	13.2%	15.5%	9.4%	9.2%	21.4%
30	EDP_72495E_KVICKLY_47-19_CHMURA_I	IS prediction InkTune SA + SPiR	22.9	34.3	42.6	18.0	12.1	25.3	34.7	28.1	11.0	23.4	31.9	24.7	1.80	14.9%	17.7%	9.2%	9.0%	22.8%
31	EDP_72466_MENY_47_CHMURA_INP_CTM	IS prediction InkTune SA + SPiR	26.1	27.0	28.2	26.7	14.7	18.1	19.2	35.7	12.4	16.0	17.0	32.6	1.60	18.8%	22.1%	11.1%	11.3%	27.6%
32	EDP_72495E_KVICKLY_47-19_CHMURA_I	IS prediction InkTune SA + SPiR	24.6	29.7	37.6	18.2	13.2	20.5	29.4	28.1	11.7	18.2	26.4	25.2	1.35	17.2%	20.2%	10.6%	10.7%	26.0%
33	EDP_72495E_KVICKLY_47-19_CHMURA_I	IS prediction InkTune SA + SPiR	36.5	30.9	45.2	10.6	29.0	19.4	38.7	23.9	27.1	17.8	36.2	20.5	1.35	9.9%	12.8%	8.5%	8.2%	17.5%
34	EDP_72533E_BAUHAUS_DK_48_19_CHML	IS prediction InkTune SA + SPiR	33.9	28.9	33.5	33.8	13.5	11.9	17.1	48.9	11.3	10.2	15.4	46.0	1.58	29.7%	34.7%	9.3%	9.8%	36.3%
35	EDP_72533E_BAUHAUS_DK_48_19_CHML	IS prediction InkTune SA + SPiR	33.5	29.1	35.1	30.3	13.0	12.5	18.7	46.3	11.0	10.7	17.0	43.3	1.58	29.3%	34.3%	9.4%	9.8%	35.9%
36	EDP_72559_JYSK_BE_NOVEMBER_04_19	IS prediction InkTune SA + SPiR	19.5	11.4	23.0	35.0	12.4	5.4	18.1	41.3	10.3	4.7	16.1	37.7	1.49	13.2%	16.4%	10.9%	11.2%	22.6%
37	EDP_72612_BROSZURA_PARTNER_12-15	IS prediction InkTune SA + SPiR	24.4	10.5	29.9	5.2	21.2	8.1	27.6	9.2	18.8	7.2	26.5	8.4	1.01	5.6%	7.1%	7.9%	7.8%	13.0%
38	EDP_72612_BROSZURA_PARTNER_12-15	IS prediction InkTune SA + SPiR	23.8	10.1	28.7	5.5	20.7	7.7	26.3	9.5	18.4	6.8	25.1	8.6	1.01	5.7%	7.3%	8.3%	8.2%	13.5%
39	EDP_Contigao_73822E_NETTO_DK_3120	IS prediction InkTune SA + SPiR	21.3	23.5	39.1	18.0	13.3	17.5	33.3	25.0	11.4	15.1	29.8	22.9	1.44	12.6%	14.9%	11.1%	11.3%	22.3%
40	EDP_72559_JYSK_BE_NOVEMBER_04_19	IS prediction InkTune SA + SPiR	18.5	12.2	22.4	30.8	11.2	6.0	17.1	37.6	9.2	5.3	15.2	33.9	1.49	14.3%	17.9%	11.5%	11.8%	24.2%
41	EDP_Contigao_73822E_NETTO_DK_3120	IS prediction InkTune SA + SPiR	24.7	24.0	43.1	17.6	16.2	17.6	37.1	25.5	13.8	15.3	33.6	23.0	1.44	11.9%	14.2%	11.1%	11.2%	21.7%
42	EDP_Contigao-73952E_NETTO_DK_34-20i	IS prediction InkTune SA + SPiR	20.2	20.7	36.2	17.1	12.7	15.1	31.2	23.7	10.9	13.2	28.0	21.7	2.14	12.2%	14.5%	10.8%	10.9%	21.7%
43	EDP_Contigao-73952E_NETTO_DK_34-20i	IS prediction InkTune SA + SPiR	21.7	24.3	41.7	18.1	13.1	17.9	35.9	25.5	11.3	15.6	32.4	23.5	2.14	12.7%	15.0%	10.4%	10.6%	21.7%
44	Citroen 2021_NL_Front	IS prediction InkTune SA + SPiR	31.2	22.1	21.2	23.9	19.6	12.4	11.5	32.0	17.8	10.6	9.8	29.2	2.27	23.3%	26.8%	10.7%	11.0%	31.5%
45	FeestmenuPlanner2020-Binnenwerk-Fr	IS prediction InkTune SA + SPiR	12.2	15.8	20.5	11.0	4.7	11.0	15.9	17.5	4.2	9.5	14.0	15.3	1.95	17.5%	21.1%	12.4%	12.4%	27.7%
46	FeestmenuPlanner2020-Binnenwerk-Fr	IS prediction InkTune SA + SPiR	12.7	16.3	23.9	11.2	5.2	11.5	19.6	17.7	4.5	9.8	17.3	15.4	1.95	15.8%	19.0%	13.0%	13.0%	26.7%
47	FeestmenuPlanner2020-Binnenwerk-NL	IS prediction InkTune SA + SPiR	12.2	15.8	20.6	10.9	4.7	11.0	16.0	17.4	4.2	9.5	14.1	15.3	1.95	17.5%	21.1%	12.2%	12.2%	27.6%
48	FeestmenuPlanner2020-Binnenwerk-NL	IS prediction InkTune SA + SPiR	12.7	16.4	24.0	11.1	5.2	11.5	19.7	17.7	4.5	9.8	17.3	15.4	1.95	15.7%	19.0%	13.1%	13.1%	26.8%