



# Chain Loop & Double Run Conveyors

## Metric Specifications

### Chain Loop Conveyor Specifications

	20.32 cm	25.4 cm	30.48 cm
Maximum Capacity (MT/hr)	101.60	152.41	254.01
Chain Travel (m/min)	1.65	1.65	2.03
Tubing Gauge, Galvanized	12	12	10
Corner Housing Thickness, Galvanized	4.76mm	4.76mm	4.76mm
Paddle Thickness (UHMW)	9.53mm	12.7mm	12.7mm
Corner Shaft Diameter	50.8mm	76.2mm	87.3mm
Conveyor Chain Standard	81XHH	81XHH	81XHH
Vertical kW (per m of conveyance)	.26	.37	.56
Horizontal kW (per m of conveyance)	.20	.27	.44
Empty Weight (without grain)	18 kg/m	22 kg/m	36 kg/m
Full Weight (721 kg/m <sup>3</sup> material)	42 kg/m	60 kg/m	88 kg/m



### Double Run Conveyor Specifications

Electric kW	Maximum 30.48 cm Conveyor Lengths (meters)				
	Degree of Incline				
	Horizontal	15°	30°	45°	60°
11.19	25.30	16.76	11.28	8.53	7.01
14.91	33.83	22.56	15.24	11.58	9.45
22.37	50.60	34.14	22.86	17.37	14.33
29.83	67.67	45.42	30.48	23.16	19.20
44.74	101.50	67.97	46.02	34.75	28.96

Electric kW	Maximum 20.32 cm Conveyor Lengths (meters)				
	Degree of Incline				
	Horizontal	15°	30°	45°	60°
3.73	20.12	13.41	9.14	7.01	5.79
7.46	40.23	26.82	18.29	13.72	11.28
11.19	60.05	40.54	27.43	20.73	17.07
14.91	80.16	53.95	36.58	27.43	22.56
18.64	100.28	67.36	45.72	34.44	28.35

Electric kW	Maximum 25.4 cm Conveyor Lengths (meters)				
	Degree of Incline				
	Horizontal	15°	30°	45°	60°
7.46	26.82	17.98	12.19	9.14	7.62
11.19	40.23	26.82	18.29	13.72	11.28
14.91	53.34	35.97	24.38	18.29	14.94
18.64	66.75	44.81	30.48	22.86	18.90
22.37	80.16	53.64	36.58	27.43	22.56



Dimensions of Conveying Chamber	20.3 cm Round	25.4 cm Round	30.5 cm Round
Maximum Capacity	108 TPH	162 TPH	270 TPH
Chain Travel	1.67 MPS	1.77 MPS	2.03 MPS
Head Shaft RPM	126	114	102
Housing Gauge Galv.	14 (1.9 mm)	12 (2.66 mm)	10 (3.433 mm)
Paddles UHMW	10 mm	13 mm	13 mm
Head Shaft Dia.	51 mm	62 mm	87 mm
Boot Shaft Dia.	51 mm	62 mm	87 mm
Conveyor Chain	81 X	81 XHH	81 XHH
Conveyor Sprocket	12 Tooth	14 Tooth	18 Tooth

Sukup Manufacturing Co. provides the information contained within this brochure to assist you in choosing the optimal equipment for your situation. Sukup specifications should only be used as estimates, and not as a warranty, expressed or implied, of how a particular Sukup unit will perform under your varying operating conditions. Because we are continually improving Sukup products, changes may occur that may not be reflected in the specifications.