

TECHNICAL SHEET 01

THE SOIL COMPACTION

Our rubber track system places very little stress on the ground even in extreme conditions created by muddy or wet soil. With its larger contact area, the Soucy Track system minimizes degradation of the soil, including deep compaction. Investing in the Soucy Track system means avoiding the numerous disadvantages posed by the use of conventional tires and the resulting compaction.

Soucy Track system

Weight load:
0,41 kg/cm²
(5,8 lb/in.²)

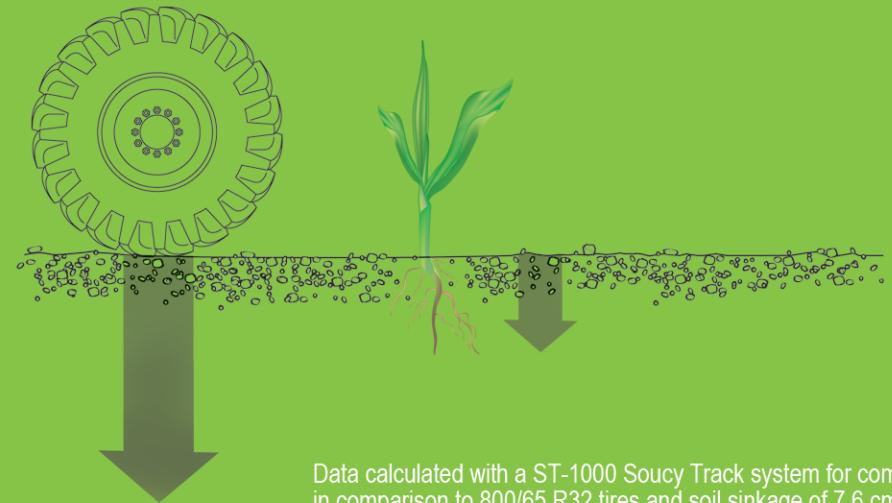
Ground surface area:
24 000 cm²
(25,8 ft.²)



Tire

Weight load:
1,76 kg/cm²
(25 lb/in.²)

Ground surface area:
6 500 cm²
(6,9 ft.²)



Data calculated with a ST-1000 Soucy Track system for combine in comparison to 800/65 R32 tires and soil sinkage of 7,6 cm (3 in.) under a load of 50 000 pounds.

HELPING YOU DO THE MATH

(TOTAL TRACTOR WEIGHT) ÷ (GROUND SURFACE AREA) = **lb/in² or kg/cm²**

TOTAL TRACTOR WEIGHT MATH (tractor weight) - (tires and rims weight) + (Soucy Track system weight) = **TOTAL TRACTOR WEIGHT**

GROUND SURFACE AREA MATH
*see verso for A, B, E, G, H and K values

front tracks: $(A \times (B - E)) \times 2 = X$
rear tracks: $(G \times (H - K)) \times 2 = Y$ } $X + Y =$ **GROUND SURFACE AREA**

Soucy
TRACK

FRONT TRACKS

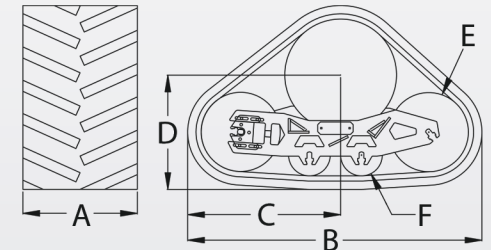
SOUCY TRACK MODEL NUMBER	A in. (mm)	B in. (mm)	C in. (mm)	D in. (mm)	E Tension Wheel in. (mm)	F Support Wheel in. (mm)	Complete Kit weight (front and rear tracks) lb (kg)
ST-90	11.5 (292)	41,0 (1041)	25,0 (635)	15,0 (381)	10,0 (254)	5,0 (127)	500 (227)
ST-100 (RTV 900)	14,0 (356)	44,0 (1118)	24,0 (610)	16,0 (406)	12,0 (305)	7,0 (178)	1000 (455)
ST-110 (RTV 1100)	14,0 (356)	44,0 (1118)	24,0 (610)	16,0 (406)	12,0 (305)	7,0 (178)	1000 (455)
ST-300	14,0 (356)	44,0 (1118)	24,0 (610)	16,0 (406)	12,0 (305)	7,0 (178)	1325 (600)
ST-400	14,0 (356)	51,0 (1295)	24,0 (610)	15,0 (381)	14,0 (356)	7,0 (178)	1950 (885)
ST-500	15,0 (381)	66,0 (1676)	34,0 (864)	24,0 (610)	17,0 (432)	10,0 (254)	3200 (1450)
ST-600	20,0 (508)	71,0 (1803)	34,0 (864)	27,0 (686)	19,0 (483)	10,0 (254)	6740 (3050)
ST-600+	20,0 (508)	71,0 (1803)	34,0 (864)	27,0 (686)	19,0 (483)	10,0 (254)	6900 (3130)
ST-600 WT	25,0 (635)	71,0 (1803)	34,0 (864)	27,0 (686)	19,0 (483)	10,0 (254)	6940 (3150)
ST-612	12,0 (305)	73,0 (1854)	37,0 (940)	27,0 (686)	19,0 (483)	10,0 (254)	5180 (2350)
ST-615	15,0 (381)	71,0 (1803)	36,0 (914)	32,0 (813)	19,0 (483)	10,0 (254)	5280 (2400)
ST-700	25,0 (635)	78,0 (1981)	40,0 (1016)	29,0 (737)	22,0 (559)	10,0 (254)	8160 (3700)
ST-800	25,0 (635)	87,0 (2210)	43,0 (1092)	32,0 (813)	22,0 (559)	10,0 (254)	10 725 (4800)
ST-800 (JD 8000 SERIES)	25,0 (635)	84,0 (2134)	44,0 (1118)	32,0 (813)	22,0 (559)	10,0 (254)	10 725 (4800)
ST-1000	32,0 (813)	132,0 (3353)	65,0 (1651)	39,0 (991)	28,0 (711)	10,0 (254)	10 800 (4900)

REAR TRACKS

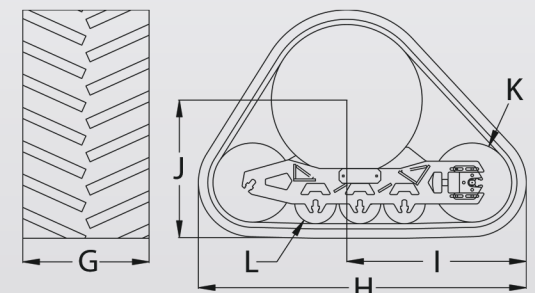
SOUCY TRACK MODEL NUMBER	G in. (mm)	H in. (mm)	I in. (mm)	J in. (mm)	K Tension Wheel in. (mm)	L Support Wheel in. (mm)	Complete Kit weight (front and rear tracks) lb (kg)
ST-90	14,0 (356)	51,0 (1295)	33,0 (838)	17,0 (432)	10,0 (254)	5,0 (127)	Please refer to the upper section for complete kit weight
ST-100 (RTV 900)	14,0 (356)	50,0 (1270)	28,0 (711)	17,0 (432)	12,0 (305)	7,0 (178)	
ST-110 (RTV 1100)	14,0 (356)	43,0 (1092)	26,0 (660)	17,0 (432)	10,0 (254)	7,0 (178)	
ST-300	14,0 (356)	57,0 (1448)	28,0 (711)	29,0 (737)	14,0 (356)	7,0 (178)	
ST-400	18,5 (470)	65,0 (1651)	33,0 (838)	21,0 (533)	14,0 (356)	7,0 (178)	
ST-500	20,0 (508)	72,0 (1829)	39,0 (991)	30,0 (762)	17,0 (432)	10,0 (254)	
ST-600	25,0 (635)	78,0 (1981)	43,0 (1092)	33,0 (838)	19,0 (483)	10,0 (254)	
ST-600+	32,0 (813)	78,0 (1981)	43,0 (1092)	33,0 (838)	19,0 (483)	10,0 (254)	
ST-600 WT	32,0 (813)	78,0 (1981)	43,0 (1092)	33,0 (838)	19,0 (483)	10,0 (254)	
ST-612	12,0 (305)	84,0 (2134)	49,0 (1245)	39,0 (991)	19,0 (483)	10,0 (254)	
ST-615	15,0 (381)	83,0 (2108)	45,0 (1143)	39,0 (991)	19,0 (483)	10,0 (254)	
ST-700	32,0 (813)	88,0 (2235)	48,0 (1219)	39,0 (991)	22,0 (559)	10,0 (254)	
ST-800	32,0 (813)	92,0 (2337)	51,0 (1295)	39,0 (991)	22,0 (559)	10,0 (254)	
ST-800 (JD 8000 SERIES)	32,0 (813)	92,0 (2337)	50,0 (1270)	42,0 (1067)	22,0 (559)	10,0 (254)	
ST-1000	-----	-----	-----	-----	-----	-----	

TECHNICAL DATA SHEET

FRONT TRACKS



REAR TRACKS



Note:

These specifications are used for reference only and are subject to change without notice.

Soucy
TRACK

To reach us:
TOLL-FREE: 1 877 474-6665
FAX: 1 819 477-9423
www.soucy-track.com