



GROWING TOGETHER

PIVOT IRRIGATION

AGRICULTURAL TIRES





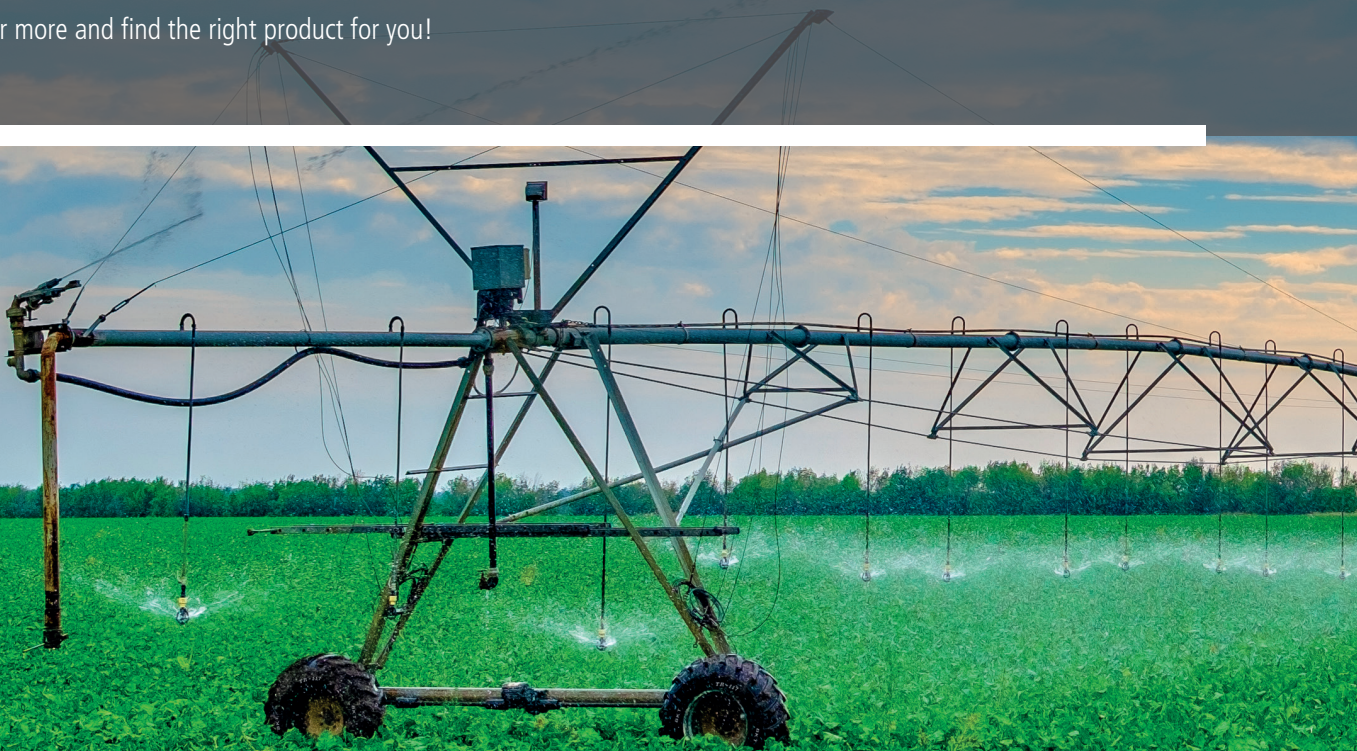
GROWING TOGETHER

AGRICULTURAL TIRES

PIVOT

Are you looking for the perfect tire for your pivot irrigator? BKT has developed three different solutions to fit pivot irrigation systems. For this application BKT proposes a radial and two bias tires. These products share excellent self-cleaning properties, thanks to the dedicated casing designed to increase traction and to improve performance on the road during any movement of the equipment.

Discover more and find the right product for you!



Radial

Radial tires have steel cords that are arranged running radially from bead to bead around the tire. Sidewall and tread have independent functional features providing more flexibility, great performance, durability, and fuel economy.



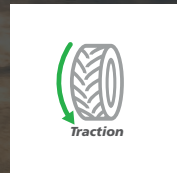
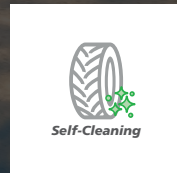
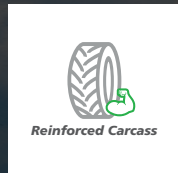
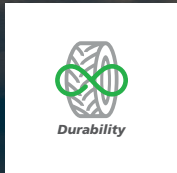
Bias

Bias tires have cord plies that are arranged running diagonally from bead to bead across the tire. Layers overlap forming a crisscross pattern. This design features extraordinary sidewall resistance and puncture resistance.



IRRIGATION

TECHNOLOGIES AND PERFORMANCE



PIVOT IRRIGATOR TIRES


AGRIMAX RI 818



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TR 117



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TR 118



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Radial

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AGRIMAX RI 818

RADIAL TRACTOR TIRES

AGRIMAX RI 818 is a radial tire, which has been specifically developed for irrigation applications with pivot irrigators. Its specially designed tread pattern provides excellent traction in wet and muddy conditions in addition to outstanding self-cleaning properties.

Performance



	Tire size	LI/SS	RIM		S.W. (mm)	O.D. (mm)	SLR (mm)	RC (mm)	SRI (index)	Version
			Rec.	Alt.						
Ø 24"	280/85 R 24 (11.2 R 24)	140	W 10	W 9	287	1086	490	3271	525	STD
Ø 38"	320/85 R 38 (12.4 R 38)	154	W 10	W 9; W 11	319	1509	691	4565	725	STD

STD: Standard





TR 117

TR 117 is ideal for irrigation applications with pivot irrigators. Its specially designed tread pattern provides excellent traction and outstanding self-cleaning properties.



Bias



Performance



	Tire size	RIM		S.W. (mm)	O.D. (mm)	SLR (mm)	RC (mm)	Version	PR	Type	LI/SS
		Rec.	Alt.								
Ø 24"	11.2 - 24	W 10	W 9	284	1090	509	3205	STD	4	TT	101 A6
	11.2 - 24	W 10	W 9	284	1090	509	3205	STD	4	TL	101 A6
	11.2 - 24	W 10	W 9	284	1090	509	3205	STD	6	TT	110 A6
	11.2 - 24	W 10	W 9	284	1090	509	3205	STD	6	TL	110 A6
	13.6 - 24	W 12	W 11	350	1187	541	3591	STD	6	TT	119 A6
	13.6 - 24	W 12	W 11	350	1187	541	3591	STD	6	TL	119 A6
	14.9 - 24	W 13	W 11; W 12	378	1245	575	3660	HD	8	TL	128 A6
	14.9 - 24	W 13	W 11; W 12	378	1245	575	3660	STD	4	TT	112 A6
	14.9 - 24	W 13	W 11; W 12	378	1245	575	3660	STD	4	TL	112 A6
	14.9 - 24	W 13	W 11; W 12	378	1245	575	3660	STD	6	TT	123 A6
	14.9 - 24	W 13	W 11; W 12	378	1245	575	3660	STD	6	TL	123 A6
	14.9 - 24	W 13	W 11; W 12	378	1245	575	3660	STD	8	TT	128 A6
14.9 - 24	W 13	W 11; W 12	378	1245	575	3660	STD	8	TL	128 A6	
Ø 38"	11.2 - 38	W 10	W 9	284	1445	675	4400	STD	4	TT	109 A6

STD: Standard - HD: Heavy Duty





Bias

R-1

A6

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Performance



TR 117

TR 117 is ideal for irrigation applications with pivot irrigators. Its specially designed tread pattern provides excellent traction and outstanding self-cleaning properties.

	Tire size	RIM		S.W. (mm)	O.D. (mm)	SLR (mm)	RC (mm)	Version	PR	Type	LI/SS
		Rec.	Alt.								
Ø 38"	11.2 - 38	W 10	W 9	284	1445	675	4400	STD	4	TL	109 A6
	11.2 - 38	W 10	W 9	284	1445	675	4400	STD	6	TT	117 A6
	11.2 - 38	W 10	W 9	284	1445	675	4400	STD	6	TL	117 A6

STD: Standard





TR 118

TR 118 has been engineered for irrigation machinery. TR 118 features a reinforced carcass and a higher number of lugs, which enable a longer service life.

Tire size	RIM		S.W. (mm)	O.D. (mm)	SLR (mm)	RC (mm)	Version	PR	Type	LI/SS	
	Rec.	Alt.									
∅ 24"	14.9 - 24	W 13	W 12 ; W 11	380	1265	566	3742	STD	8	TL	128A6

STD: Standard



Bias



R-1



A6



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Technologies



Reinforced Carcass

Performance



Durability



Load index

The load index is a code that defines a tire's maximum weight capacity at the speed given by its speed index provided that the usage conditions recommended by the Manufacturer are fully complied with.

Corresponding values of load index (LI) and load capacity per wheel (kg / lbs)

LI	lbs	kg	LI	lbs	kg	LI	lbs	kg	LI	lbs	kg
50	420	190	85	1135	515	120	3085	1400	155	8540	3875
51	430	195	86	1170	530	121	3195	1450	156	8820	4000
52	440	200	87	1200	545	122	3305	1500	157	9095	4125
53	455	206	88	1235	560	123	3415	1550	158	9370	4250
54	465	212	89	1280	580	124	3525	1600	159	9645	4375
55	480	218	90	1325	600	125	3635	1650	160	9920	4500
56	495	224	91	1355	615	126	3750	1700	161	10195	4625
57	505	230	92	1390	630	127	3860	1750	162	10470	4750
58	520	236	93	1435	650	128	3970	1800	163	10745	4875
59	535	243	94	1475	670	129	4080	1850	164	11025	5000
60	550	250	95	1520	690	130	4190	1900	165	11355	5150
61	565	257	96	1565	710	131	4300	1950	166	11685	5300
62	585	265	97	1610	730	132	4410	2000	167	12015	5450
63	600	272	98	1655	750	133	4540	2060	168	12345	5600
64	615	280	99	1710	775	134	4675	2120	169	12785	5800
65	640	290	100	1765	800	135	4805	2180	170	13225	6000
66	660	300	101	1820	825	136	4940	2240	171	13560	6150
67	675	307	102	1875	850	137	5070	2300	172	13890	6300
68	695	315	103	1930	875	138	5205	2360	173	14330	6500
69	715	325	104	1985	900	139	5355	2430	174	14770	6700
70	740	335	105	2040	925	140	5510	2500	175	15210	6900
71	760	345	106	2095	950	141	5675	2575	176	15650	7100
72	785	355	107	2150	975	142	5840	2650	177	16095	7300
73	805	365	108	2205	1000	143	6005	2725	178	16535	7500
74	825	375	109	2270	1030	144	6175	2800	179	17085	7750
75	855	387	110	2335	1060	145	6395	2900	180	17635	8000
76	880	400	111	2405	1090	146	6615	3000	181	18185	8250
77	910	412	112	2470	1120	147	6780	3075	182	18740	8500
78	935	425	113	2535	1150	148	6945	3150	183	19290	8750
79	965	437	114	2600	1180	149	7165	3250	184	19840	9000
80	990	450	115	2680	1215	150	7385	3350	185	20390	9250
81	1020	462	116	2755	1250	151	7605	3450	186	20945	9500
82	1045	475	117	2835	1285	152	7825	3550	187	21495	9750
83	1075	487	118	2910	1320	153	8045	3650	188	22045	10000
84	1100	500	119	3000	1360	154	8265	3750	189	22705	10300

LI	lbs	kg	LI	lbs	kg	LI	lbs	kg
190	23370	10600	200	30865	14000	210	41885	19000
191	24030	10900	201	31965	14500	211	42990	19500
192	24690	11200	202	33070	15000	212	44090	20000
193	25350	11500	203	34170	15500	213	45415	20600
194	26015	11800	204	35270	16000	214	46735	21200
195	26785	12150	205	36375	16500	215	48060	21800
196	27555	12500	206	37475	17000	216	49380	22400
197	28330	12850	207	38580	17500	217	50705	23000
198	29100	13200	208	39680	18000	218	52025	23600
199	29980	13600	209	40785	18500	219	53570	24300

Speed index

The speed index is a value that indicates the maximum admitted speed at which the tire can carry the weight corresponding to its load index provided that the usage conditions recommended by the Manufacturer are fully complied with.

Speed index	A2	A4	A6	A8	B	C	D	E	F	G	J	K
km/h	10	20	30	40	50	60	65	70	80	90	100	110
mph	5	10	20	25	30	35	40	45	50	55	62	68



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