



Series 150T Air Starters

150T™ "F" Series Engine Selection Guide

This chart is a condensed list of engines that can be cranked with an IR starter. For a complete list, please contact IR.

Manufacturer	Engine	CID	Liter	CYL	Type	Turbine Starter
CATERPILLAR	3126	439	7.2	6	Diesel	150TMPF81R15
	3176	629	10.3	8	Diesel	150TMPF88R54
	3406	893	14.6	6	Diesel	150TMPF88R54
	3408	1099	18	8	Diesel	150TMPF88R54
	D-334	638	10.5	6	Diesel	150TMPF88R53
	D-336	700	11.5	8	Diesel	150TMPF88R53
	D-343	893	14.6	6	Diesel	150TMPF88R54
	D-346	1191	19.5	8	Diesel	150TMPF88R54
	G-342	1246	20.4	6	Nat. Gas	150TMPF88R54
CES-AJAX	DPI25	2205	36.1	1	Nat. Gas	150TMGF21LH-11
	DPI65	2826	46.3	1	Nat. Gas	150TMGF21LH-11
	DPC180	2826	46.3	1	Nat. Gas	150TMGF21LH-11
	DPC60	850	14	1	Nat. Gas	150TMGF21LH-11
CLIMAX	K67	1616	26.5	6	Gas	150TMPF88R53
	K75	1855	30.4	6	Gas	150TMPF88R53
	R165	1238	20.3	6	Gas	150TMPF88R53
CONTINENTAL	R602	602	9.9	6	Gas	150TMPF88R53
	R6513	513	8.4	6	Gas	150TMPF88R53
	U6501	501	8.2	6	Gas	150TMPF88R53
CUMMINS	ISC	506	8.3	6	Diesel	150TMPF88R53
	ISL	549	9	6	Diesel	150TMPF88R53
	ISM	660	10.8	6	Diesel	150TMPF88R54
	QSK19	1150	19	6	Diesel	150TMPF88R54
	ISM	659	10.8	6	Diesel	150TMPF88R54
DETROIT DIESEL	ISX	915	15	6	Diesel	150TMPF88R54
	6V-71	426	7	6	Diesel	150TMGF21RH6
	6V-92	552	9	6	Diesel	150TMGF21RH6
	Series 50	519	8.5	4	Diesel	150TMPF88R54
EMD GM	Series 60	778	12.7	6	Diesel	150TMPF88R54
	12-645	7740	126.8	12	Diesel	2-150TMPF88R54
	12-710	8520	139.6	12	Diesel	2-150TMPF88R54
	16-645	10320	169.1	16	Diesel	2-150TMPF88R54
	16-710	11360	186.2	16	Diesel	2-150TMPF88R54
	20-645	12900	211.4	20	Diesel	2-150TMPF88R54
	20-710	14200	232.7	20	Diesel	2-150TMPF88R54
	8-645	5160	84.6	8	Diesel	150TMPF88R54
8-710	5680	93.1	8	Diesel	150TMPF88R54	
WAUKESHA	145GZ	817	13.4	6	Nat. Gas	150TMGF22RH5
	6GAK	784	12.8	6	Nat. Gas	150TMGF22RH5
	6WAK	1197	19.6	6	Nat. Gas	150TMGF21RH6
	F1197G	1197	19.6	6	Nat. Gas	150TMGF21RH6
	F119G	1197	19.6	6	Nat. Gas	150TMGF21RH-6
	H1077G	1077	17.6	8	Nat. Gas	150TMGF21RH6
	H24L	1462	24	8	Nat. Gas	150TMGF21RH6
	H867D	866	14.2	8	Diesel	150TMPF88R53
WHITE ENGINES	DFXD	855	14	6	Diesel	150TMPF88R54
	DFXE	895	14.7	6	Diesel	150TMPF88R54

ST700/ST900 Series Engine Selection Guide

that can be cranked with an IR starter.
For a complete list, please contact IR.

Manufacturer	Engine	CID	Liter	CYL	Type	Turbine Starter
CATERPILLAR	3616	18016	295	16	Diesel	ST775GCDP03R25
	3618	20291	332.6	18	Diesel	ST775GCDP03R25
	G3516	4210	69	16	Nat. Gas	ST950BP03R31
	G3616	18036	295.6	16	Nat. Gas	ST950CP03R25S
	G-399	3927	64.4	16	Nat. Gas	ST950BP03R31
CES-BESSEMER	10W330	50894	834	14	Nat. Gas	4-ST950DP09L52
	12V-250			12	Nat. Gas	3-ST950DP09L52
	GMVA	21550	353	10	Nat. Gas	2 - ST950DP09L52
	GMVA	25860	423.8	12	Nat. Gas	2 - ST950DP09L52
	GMWV				Nat. Gas	3-ST950DP09L52
	GMVC	81388	1,333.70	16	Nat. Gas	5 - ST950DP
	GMXF	3134	51.4	4	Nat. Gas	ST950DP09L52
DRESSER-RAND	512KV	53080	869.8	12	Nat. Gas	ST950BP03R25
	PSVG-12	16590	271.9	12	Nat. Gas	ST950BP03R25
EMD GM	12-278	6809	111.6	12	Diesel	ST950DP09R51
	12-498	7576	124.1	12	Diesel	ST950DP09R51
WARTSILA	345G	38560	632	16	Nat. Gas	ST775GCDP03R91
	345G	43380	711	18	Nat. Gas	ST775GCDP03R91
WAUKESHA	12VAT25GL	10784	176.7	12	Nat. Gas	ST950CP03R25S (70-150 psi) ST999CP03R25S (30 - 90 psi)
	16VAT25GL	14378	235.6	16	Nat. Gas	ST950CP03R25S
	2895G (SI/L)	2894	47	6L	Nat. Gas	ST950BP03R25S
	7042G (SI/L)	7040	115	12V	Nat. Gas	ST950CP03R25S
	8LAT27GL	8699	143	8	Nat. Gas	ST950CP03R25S
	F2895	2894	47.4	6	Nat. Gas	ST950CP03R25S (70-150 psi) ST999CP03R25S (30 - 90 psi)
	F3521	3520	58	6L	Nat. Gas	ST950CP03R25S (70-150 psi) ST999CP03R25S (30 - 90 psi)
	H24GL (D)	1462	24	8L	Nat. Gas	ST950BP03R31
	L36GL (D)	2193	36	12V	Nat. Gas	ST950CP03R25S (70-150 psi) ST999CP03R31S (30 - 90 psi)
	L7040G	7040	115.4	6	Nat. Gas	ST950CP03R25S
	P9390G (L) (SI)	9388	153.8	16	Nat. Gas	ST950CP03R25

3BMG/5BMG Series Engine Selection Guide

This chart is a condensed list of engines that can be cranked with an IR starter. For a complete list, please contact IR.

Manufacturer	Engine	CID	Liter	CYL	Type	Vane Starter
CUMMINS	3B2.9	177	2.9	3	Diesel	3BMGA11RH-60F
	4B3.9	238	3.9	4	Diesel	3BMGA11RH60F
DETROIT DIESEL	2-53	106	1.7	2	Diesel	3BMGA11RH-12F
	6-53	318	5.2	6	Diesel	5BMGA56RH2
DORMAN	2LB	195	3.2	2	Diesel	3BMGA11RH-12F
	3LB	292	4.8	3	Diesel	3BMGA11RH-12F
INT HARVESTER	D282	282	4.6	6	Diesel	5BMGA56RH-3F
	RD372	372	6.1	6	Nat. Gas	3BMGA11RH-12F
	RD450	450	7.4	6	Nat. Gas	3BMGA11RH-12F
	UD236	236	3.9	6	Diesel	5BMGA56RH-3F
ISUZU	QD100					3BMGA11RH-61F
	QD145					3BMGA11RH-61F
WAUKESHA	140GZ	554	9.1	6	Nat. Gas	5BMGA53RH-2F
	140HK	525	8.6	6	Nat. Gas	5BMGA53RH-2F
	195GL	302	4.9	6	Nat. Gas	3BMGA11RH-34F
	6BL	245	4	6	Nat. Gas	3BMGA11RH-34F
	6SRK	517	8.5	6	Nat. Gas	5BMGA53RH-2F
	V1K	334	5.5	4	Nat. Gas	3BMGA11RH-12F
	V1L	316	5.2	4	Nat. Gas	3BMGA11RH-12F
	VRD283	283	4.6	6	Diesel	3BMGA11RH-1F
	VRD310	310	5.1	6	Diesel	3BMGA11RH-1F
	VRD330	426	7	6	Diesel	3BMGA11RH-1F
	VRG283	283	4.6	6	Nat. Gas	3BMGA11RH-34F
	VRG310	310	5.1	6	Nat. Gas	3BMGA11RH-34F
WHITE ENGINES	IX4E	188	3.1	4	Diesel	3BMGA11RH-1F
	RXC	529	8.7	6	Nat. Gas	5BMGA53RH-2F
	RXLD	558	9.1	6	Nat. Gas	5BMGA53RH-2F
	RXLX	529	8.7	6	Nat. Gas	5BMGA53RH-2F
	TDXC	501	8.2	6	Nat. Gas	5BMGA53RH-2F

SS175/SS350 Series Engine Selection Guide

This chart is a condensed list of engines that can be cranked with an IR starter. For a complete list, please contact IR.

Manufacturer	Engine	CID	Liter	CYL	Type	Vane Starter
CATERPILLAR	1673	638	10.5	6	Diesel	SS175GE03R29
	3126	439	7.2	6	Diesel	SS175GB01R29
	3145	525	8.6	6	Diesel	SS175GE03R29
	D-315	350	5.7	4	Diesel	SS175GB03R31
	D-320	252	4.1	4	Diesel	SS175GB03R31
	D-330TA	350	5.7	4	Diesel	SS175GB03R31
CUMMINS	6BT5.9	359	5.9	6	Diesel	SS175GE01R071
	6BTA180	359	5.9	6	Diesel	SS175GE01R071
	V6-140	352	5.8	6	Diesel	SS175GE03R29
	V6-155	378	6.2	6	Diesel	SS175GE03R29
	ISB	359	5.9	6	Diesel	SS175GE01R071
	ISC	506	8.3	6	Diesel	SS175GE01R29
	ISL	549	9.0	6	Diesel	SS350GE03R29
	ISM	659	10.8	6	Diesel	SS350GE03R31
	N14	855	14	6	Diesel	SS350GE03R31
	ISX	915	15	6	Diesel	SS350GE03R31
DETROIT DIESEL	Series 50	519	8.5	4	Diesel	SS350GE03R31
	Series 60	778	12.7	6	Diesel	SS350GB03R31
	8V-2000	976	16.0	8	Diesel	SS350GB03R31
DEUTZ-MWM	BF6L913	374	6.1	6	Diesel	SS175GB01R77
	BF8L513	779	12.8	8	Diesel	SS350GE01R85
	F12L413	1035	17.0	12	Diesel	SS350GE01R85
	F6L413	584	9.6	6	Diesel	SS175GB01R85
	F6L912	345	5.7	6	Diesel	SS175GB01R77
	M.W.M	D234	1343	22.0	12	
G232V8		720	11.8	8		SS350GE01R77-02J
MACK	END465	465	7.6	4	Diesel	SS175GE01R77
	END475	475	7.8	4	Diesel	SS175GE01R77
VOLVO PENTA	D50A	313	5.1	6	Diesel	SS175GB01R77
	D70A	410	6.7	6	Diesel	SS175GB01R77
	TAMD163	983	16.1	6	Diesel	SS175GE03R29
	TAMD71B	411	6.7	6	Diesel	SS175GE01R85
	TD100GD100	410	6.7	6	Diesel	SS175GB01R77
	TD61	334	5.5	6	Diesel	SS175GB01R77
	TMD100A	586	9.6	6	Diesel	SS175GE01R85
	TMD122	731	12.0	6	Diesel	SS175GE01R85
WAUKESHA	197DLC	302	4.9	6	Diesel	SS175GE01R29
	6SRB	677	11.1	6	Nat. Gas	SS175GE03R29
	F11G (SI)	673	11.0	6	Nat. Gas	SS350GE03R29-02H
	F18GL (D)	1096	18.0	6	Nat. Gas	SS350GE03R31
	F476D	475	7.8	6	Diesel	SS175GE01R77-02J
	H24GL (D)	1462	24.0	8L	Nat. Gas	SS350GE03R31-02H
WHITE ENGINES	D-4800	478	7.8	6	Diesel	SS175GE03R29
	DRXB	474	7.8	6	Diesel	SS175GB03R31
	DWXC	358	5.9	6	Diesel	SS175GB03R31
	HXC	779	12.8	6	Gas	SS175GE03R29

150BM Series Engine Selection Guide

This chart is a condensed list of engines that can be cranked with an IR starter. For a complete list, please contact IR.

Manufacturer	Engine	CID	Liter	CYL	Type	Vane Starter
CATERPILLAR	3126	439	7.2	6	Diesel	150BMPE81R15
	3176	629	10.3	8	Diesel	150BMPE88R54
	3406	893	14.6	6	Diesel	150BMPE88R54
	3408	1099	18	8	Diesel	150BMPE88R54
	D-334	638	10.5	6	Diesel	150BMPE88R53
	D-336	700	11.5	8	Diesel	150BMPE88R53
	D-343	893	14.6	6	Diesel	150BMPE88R54
	D-346	1191	19.5	8	Diesel	150BMPE88R54
G-342	1246	20.4	6	Nat. Gas	150BMPE88R54	
CES-AJAX	DP125	2205	36.1	1	Nat. Gas	150BMGE21LH-11
	DP165	2826	46.3	1	Nat. Gas	150BMGE21LH-11
	DPC180	2826	46.3	1	Nat. Gas	150BMGE21LH-11
	DPC60	850	14	1	Nat. Gas	150BMGE21LH-11
CLIMAX	K67	1616	26.5	6	Gas	150BMPE88R53
	K75	1855	30.4	6	Gas	150BMPE88R53
	R165	1238	20.3	6	Gas	150BMPE88R53
CONTINENTAL	R602	602	9.9	6	Gas	150BMPE88R53
	R6513	513	8.4	6	Gas	150BMPE88R53
	U6501	501	8.2	6	Gas	150BMPE88R53
CUMMINS	ISC	506	8.3	6	Diesel	150BMPE88R53
	ISL	549	9	6	Diesel	150BMPE88R53
	N-14 SERIES	855	14	6	Diesel	150BMPE88R54
	N-855 SERIES	855	14	6	Diesel	150BMPE88R54
	ISM	659	10.8	6	Diesel	150BMPE88R54
	ISX	915	15	6	Diesel	150BMPE88R54
DETROIT DIESEL	6V-71	426	7	6	Diesel	150BMGE21RH6
	6V-92	552	9	6	Diesel	150BMGE21RH6
	Series 50	519	8.5	4	Diesel	150BMPE88R54
	Series 60	778	12.7	6	Diesel	150BMPE88R54
EMD GM	12-645	7740	126.8	12	Diesel	2-150BMPD88R54
	12-710	8520	139.6	12	Diesel	2-150BMPD88R54
	16-645	10320	169.1	16	Diesel	2-150BMPD88R54
	16-710	11360	186.2	16	Diesel	2-150BMPD88R54
	20-645	12900	211.4	20	Diesel	2-150BMPD88R54
	20-710	14200	232.7	20	Diesel	2-150BMPD88R54
	8-645	5160	84.6	8	Diesel	150BMPD88R54
	8-710	5680	93.1	8	Diesel	150BMPD88R54
WAUKESHA	145GZ	817	13.4	6	Nat. Gas	150BMGE22RH5
	6GAK	784	12.8	6	Nat. Gas	150BMGE22RH5
	6WAK	1197	19.6	6	Nat. Gas	150BMGE21RH6
	F1197G	1197	19.6	6	Nat. Gas	150BMGE21RH6
	F119G	1197	19.6	6	Nat. Gas	150BMGE21RH-6
	H1077G	1077	17.6	8	Nat. Gas	150BMGE21RH6
	H24L	1462	24	8	Nat. Gas	150BMGE21RH6
	H867D	866	14.2	8	Diesel	150BMPE88R53
WHITE ENGINES	DFXD	855	14	6	Diesel	150BMPE88R54
	DFXE	895	14.7	6	Diesel	150BMPE88R54

SS800 Series Engine Selection Guide

This chart is a condensed list of engines that can be cranked with an IR starter. For a complete list, please contact IR.

Manufacturer	Engine	CID	Liter	CYL	Type	Vane Starter
CATERPILLAR	3412	1649	27.0	12	Diesel	SS815GB03R31
	3512	3158	51.8	12	Diesel	SS815GB03R31
	3516	4210	69.0	16	Diesel	SS815GB03R31
	G3612	13527	221.7	12	Nat. Gas	SS815GB03R31
	G3616	18036	295.6	16	Nat. Gas	2 - SS815GB03R31
	G-398	2946	48.3	12	Nat. Gas	SS815GB03R31
	G-399	3927	64.4	16	Nat. Gas	SS815GB03R31
CES-BESSEMER	GMXE	9420	154.0	12	Nat. Gas	SS850GD09L52
	GMXF	9420	154.0	12	Nat. Gas	SS850GD09L52
	GMXH	9420	154.4	12	Nat. Gas	SS850GD09L52
CUMMINS	K19 SERIES	1150	18.8	6	Diesel	SS815GB03R31
	K38 SERIES	2300	37.7	12	Diesel	SS815GB03R31
	K50 SERIES	3067	50.3	16	Diesel	SS825GC03R31
	QSK45	2746	45.0	12	Diesel	SS815GB03R31
	QST30	1861	30.0	12	Diesel	SS815GB03R31
	VT28	1710	28.0	12	Diesel	SS815GB03R31
	VTA28-C	1710	28.0	12	Diesel	SS815GB03R31
Detroit Diesel	12V-92	1104	18.1	12	Diesel	SS815GB03R31
	16V-149	2384	39.1	16	Diesel	SS815GB03R31
	16V-71	1136	18.6	16	Diesel	SS815GB03R31
	16V-92	1472	24.1	16	Diesel	SS815GB03R31
	12V4000	2928	48	12	Diesel	SS815GB03R31
	16V4000	3904	64	16	Diesel	SS815GB03R31
EMD GM	12-278	6809	111.6	12	Diesel	SS850GD09R51
	12-498	7576	124.1	12	Diesel	SS850GD09R51
WAUKESHA	7044	7040	116.0	12V	Nat. Gas	SS815GB03R31
	12VAT25D	10784	176.7	12	Diesel	SS825GC03R25
	12VAT27	17397	285.0	16	Diesel	SS825GC03R25
	12VAT27GL	13048	214.0	12V	Nat. Gas	SS825GC03R25
	16AT27GL	17397	285.0	16	Nat. Gas	SS825GC03R25
	16VAT25GL	14378	235.6	16	Nat. Gas	SS825GC03R25
	7042G (SI/L)	7040	115.0	12V	Nat. Gas	SS815GB03R31
	8LAT25D	7189	117.8	8	Nat. Gas	SS815GB03R31
	8LAT25GL	7189	117.8	8	Nat. Gas	SS815GB03R31
	8LAT27GL	8699	143.0	8	Diesel	SS815GB03R31
	F1197D	1197	19.6	6	Diesel	SS815GB03R31
	F1905D	1905	31.2	6	Diesel	SS815GB03R31
	F2895G (SI)	2894	47.4	6	Nat. Gas	SS815GB03R31
	F2896D	2894	47.4	6	Diesel	SS815GB03R31
	F3335D	3335	54.7	6	Diesel	SS815GB03R31
	F3336D	3335	54.7	6	Diesel	SS815GB03R31
	F3521G (SI)	3520	58.0	6L	Nat. Gas	SS815GB03R31
	L5788D	5788	94.8	12	Diesel	SS825GC03R25
	L5792D	5788	94.8	12	Diesel	SS825GC03R25
	P9390G	9388	154.0	16	Nat. Gas	SS825GC03R25