

F&L EXCAVATOR PARTS LIMITED

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IDLER LIST

** 80% idlers are of OEM quality, supplying to OEM market, Berco, Vtrack, ITR etc.*

** 2000 hours warranty, 3000-4000 hours (or above) designed product life*



ABOUT F&L

F&L focuses on high quality parts for excavators and bulldozers. At F&L, 80% of our idlers are from OEM factories directly, so you'll get exactly the same parts which are delivered to OEM market, as well as to some prestigious Italian and Korean brands. Behind each product we sell, there's a professional supporting technician team.

ABOUT IDLERS

Idler is the large wheel at the front of the track frame that holds the track chain in proper alignment while the machine is traveling.

At F&L, all idlers are induction-hardened on the tread for a long life. The surface hardness is 52-57HRC, the induction depth is designed scientifically, varying from 3mm to 7mm.

Roller body material is SCMn3A, which is the same high-strength steel that is adopted in OEM factories in Japan.

Roller shaft: We invest 40% more to machine the surface roughness to Ra 0.2-0.4, much higher standard than Ra 0.8 or above.

Seal kits: We invest 30% more, adopting high quality seal kits that with 2% of Mo (molybdenum) in the material, the lifetime is around 5000 hours, which is 2000-3000 hours longer than usual.

Bi-metal copper bushing: Copper layer is as thick as 0.6mm, rather than 0.4mm or thinner, and lifetime is 5000 hours, which is at least 2000 hours higher than usual.

Lubricant oil: We use SAE85, ensuring the well function of idlers at temperature -40°C to 110 °C, that is to say, the oil would not freeze at cold working conditions nor resolve at high temperature.

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AVAILABILITY (MODELS & PART NO.)

At F&L, we offer a quite large variety of excavator and bulldozer idlers for different makes, including Caterpillar, Komatsu, Hitachi, Hyundai, Volvo, JCB, John Deere, Doosan, Kobelco, Sumitomo, Case. Most common models are listed as below. For any inquiries, please send email to sales@fnlparts.com

(Forging idler models)

JD450C	CAT180	PC200-5	EX100-5	SK100	SE240	D61PX-12
JD450H	CAT240	PC200-6	EX120-5	SK120	SE280	D65
JD550H	CAT311	PC200-7	EX300-5	SK200	SE280-2	D65EX
JD650H	CAT320	PC200-8	EX400-3	SK200-5	SE350	D85ESS
JD750C	CAT322	PC300-5	EX400-5	SK290LC	SE450	
JD750J	CAT325	PC300-6	ZAX200-5G	SK330-6		EC290
JD850	CAT330	PC400-5	ZAX210		CX450	EC360
JD850D	CAT345B	PC400-6	ZX200-3	SH200-3	CX290	EC210B
		PC1100-6	ZX350H-5G	SH350-3	CX330	EC460
		PC1250-7	ZX450(LC-3)			

(Idler models)

320C, 315C	322B	ZX200,JD200CLC	1081-04000	101-30-61210X/KM0914
325, 325L	350/UX121C0E	VP400303	094-1384	1028152/CR6087/CR5740/7Y0762
345/B/C	450C	VP1404B3	9176864	1028152/CR6087/CR5740/7Y0762
D10, D10R	450G	VP14045000	9147610	1028155/CR5884
D10N	450H	VP1400	9097575	1028155/CR5884
D10R	650G	VA539D	9071453	1081-00310/1081-00980
D10T	650H	SY130/R130LC-7	9068144	111-1729/CR4530
D11N	690B/C/D	SK60-3	1253537	111-1729/CR4530
D11R	690E	SK330	960253	111-1730/CR4531
D11T	750B	SK300/SK300-3	115-6366	111-1730/CR4531
D31-17/D30	850B	SK220/SK220-3	1181-00080	111-1730/CR4531
D355	933F, 955	SK200-3/5	124-30-00102	111-1730/CR4531
D3G	D10N/D10N-R	SK100/SK120-2/3	124-30-00105	113-27-31320/KM0840
D4, D4C/D	D11N/D11N-R	SK09N-2	125-3537	113-27-31320/KM0840
D4H	D155	SK07N-2/K907-2	128047H92	1132907/7Y1601/CR5732
D4H	D20	SE130LC	156-0313	115-6337/CR5786
D5G	D31-17/D30/D37	S450LC-3	2270-1028P	125-4655/CR4681/7T2769
D5H	D355	S280/S280LC-3	3G1086	134-30-00201
D5H	D39EP-1	R450LC-3, R4500	4I7337	135-8904/CR6380
D65	D3B	R290LC-5/7	81E7-01030	135-9896/CR4911
D65-12	D4	R290LC-3, R290LC, R320LC	81E9-2004	1451-0972/1181-00721
D65EX	D41E-6 (Early)	R210/R210LC-3	81EM-14010	1451-0974/LH0495/1081-03910
D65EX-17	D41E-6 (Late)	PC60-5/6	81N4-13010	1451-0974/LH0495/1081-03910
D65PX-17	D4H-L	PC400-6	81N8-13010	1451-0975/1081-02232
D68ESS-12	D4H-S	PC400-5	8E4007	1451-0975/1081-02232
D6C	D5	PC400-3	8J6562	149-2493/CR4616/6T3216
D6C	D5	PC400/PC400-5	AT104/453	149-2493/CR4616/6T3216

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D6D	D5B	PC300-3	CA0620	14X-30-00112/KM2107
D6D	D5B	PC300/PC280-3	CA0693	14X-30-00112/KM2107
D6H	D5C	PC1250-7	CA0757	151-4587/CR4909
D6H	D5C/D9	PC120-5	CR4096	151-4587/CR4909
D6H	D5H	PC1100-6	DH450	161-7549/CR4589
D6H-L	D60/TY160	PC100-5	FA6C	190-1534/CR4587
D6H-S	D61EX-12	KRA1767Z-C	FA6CHD	190-1551/CR4585
D6R	D65-12, D85SS-2	D51PX-22	ID0536	192-0216/CR4593
D6R, D6H	D6C/D6D	D51EX-22	ID0892	195-30-00283
D6R, D6T	D6H	D37	ID1453	201-30-00012
D6R-Large	D6H-L	D31-18	ID1560	203-30-00133
D6R-Small	D6H-S	D31	ID2164	205-30-00070
D7, 973	D7H-L	D155A-5	KRA0946	205-30-00182/KM1641
D7E/F/G/H	D7H-S	D155A-3	KRA1767Z-C	205-30-00182/KM1641
D7H, D7R	D8K	CR4530D	D85ESS-12	207-30-00071/KM2018
D7R, D7H	D8N-L	CR4095	E240C	207-30-00071/KM2018
D7R-Large	D8N-L	CR4094	MX222	207-30-00160/KM1927
D7R-Small	D8N-S	CAT E385B	9134295	207-30-00160/KM1927
D85ESS	D8N-S	CAT E365B	S10738	208-30-00200/KM1973
D85ESS-12	D9N	CAT E345B	SH200-3/LS2800Q	20Y-30-00030/KM1642
D85SS-2	D9N	CAT E322	R450LC-3	20Y-30-00030/KM1642
D8H	E240/E240B	CAT E311	PC220LC7/8	20Y3000321/KM3299
D8N	E300B	CAT E240	PC228LC3	2270-9405E/2270-9009A
D8N	E345	9W6039	PC300-5	24100J11697F1
D8N-L	E365	8E4007	R210LC-7	24100J4064F1
D8N-L	E375	81N8-13010	R290LC-7	24100J6379F1
D8N-Large	EC210	81EM-14010	R450	24100N3099F4/LC52DU0001F1
D8N-S	EC290	81E7-01030	R984C	24100N5948F2/24100N5948F4
D8N-S	EC360	3V5131	S450LC-5	24100N5948F2/24100N5948F4/
D8N-Small	EC460/SE450	359-9578	SK100	24100N6417F1
D8R-Large	EX100/EX120-1	24100J6379F1	SK120	24100N6504F1
D8R-Small	EX100-2/EX120-2	24100J4064F1	SK513	9066393(2270-1064P/2270-1108)
D8T	EX100-5	24100J11697F1	ZAX870-3	9066393(2270-1064P/2270-1108)
D9L	EX100M	203-30-00133	ZX450(LC-3)	9068477/9160965
D9L	EX100M-5	201-30-00012	ZX800	9069635/9165649/AT172563
D9N	EX1100	E240/E240B,C/EL240	2024296	9074011/AT201944/9134152
D9N	PC60-5, PC60-6	195-30-00283	1920224	9092973/AT180421/AT172696
D9R	R210/R210LC-3	1181-00080	1901551	9115208/AT178256/S10824
EX1100	EX200/EX200-1	PC100-5/PC120-5/6	1901534	9143400/AT172699
EX120-5	E311, E110B, E312	PC200-3,PC180-2	1514587	9143400/AT172699
E240B	1M8867	PC200-5/PC220-5	1254655	9145269/AT214392/AT172699
E300B	EX400-1/2/3,992D	PC300/PC280-3/PC300-5	1111730	9154690/AT250450/9933956
E325	EX100/EX120-1	SH200-3/LS2800Q	1111729	9154690/AT250450/9933956
E330	EX200/EX200-1	2024303	1028152	AT305549-AT304377
E345	115-6366	EX200-3/5	960253	AT305808-AT304497
EC210	111-1730	EX150, 490D, 590D	941384	SK290LC LB52D00002F1
EC360	107-3947	EX270/EX300-1,EX320	EX60-1	LP52D00003F2/24100N6504F1
EC460/SE450	094-1384	PC100-5/PC120-5/6	EX60-3	CR3189WL/CR3190

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EX200-2	9068144	PC1100	EX60-5	IRT160-5061-06XHD
EX300-5	SK07N-2/K907-2	PC200-3,PC180-2	EX700	CR4094/5M5009
EX200-2	SK09N-2	PC200-5/PC220-5	FL4	CR5420/1641048/1854038
EX300-5	SK100/SK120-2/3	CR3004/9N4173	FL6A	E110B/E120B/311(E311)/312
EX400-3	SK200-3, SK200-5	CR3189/7T3501	ID1463	E200B/EL200B/315/315L/E320
EX400-5	SK220/SK220-3	LP52D00003F2	K076-3	ID0609/AT47057
EX550	SK60-3	LS280/LS2800LC-II	LK148	ID1558/ID794/ID795
PC300-3	VFT2764HD	SE210/SE210LC/MX8-2	R290LC-5/7	ID1820/AT210558
CR4007/7P2719		ID1821/AT211283		

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