		0.2(0.25)		0.33(0.28)	0.37(0.34)	0.45(0.4)	0.5(0.45)			0.52(0.45)	0.55(0.52)	0.6(0.55)	0.65(0.55)	0.7(0.6)	0.75(0.65)	0.8(0.7)			0.9(0.8)	1.0(0.9)			1.1(1.0)	1.2(1.0)	1.26(1.1)	1.3(1.1)	1.4(1.2)			1.5(1.3)	1.8(1.6)	1.9(1.6)	2(1.7)	2.1(1.8)	2.7(2.2)	2.9(2.5)	3.0(2.6)	3.5(3.0)
IHI	75UI-5					125UI-5	120I-3							225IX-7		215IX			200ILC-5	220I-2			220ILC-3				310I-3												
	70I-2					110I-2	135UI-5									200I-3							240I-5																	
	75UI-2					135UI-2	120I-2									225IX-5																								
	75UI-M					135UI-3	120I-M									200I-2																								
	75UI-7					110I-M	120I-5									200I-M																								
						120UI-7	135UI-7									200I-5																								
CAT	307B				311CU	311B	312C			312B			315B			320B	320D RR		320BL	322B			322BL	325BL			330B			330BL		345C	345C L	345DL		365C L	374DL	385C	
	307BSR					313BSR	314CCR			314LCR			315C			321BLCR	320D MS		320B LU	322C			324D				330C			330CL		345D		349EL				390D	
	308BCR					313BCR	312-E						315DL			321BCR-TUN	320D RR-MS		320CL	324D			322CL	325DL			330D			330D L		349E						
	307C					313CCR	312-E2						315DLMS			320B U	M318C		320CLU	324E			325C	329DL			336D			336E L-2								
	308CCR					311C LI	312C-3						316EL			321BCR	M325D LMH		320L-E				324DL	328D LCR			336D L			336E LH								
	307-EA					313C SR	312C-3-SSS									320C	320D-E		320L-E2				325D	329EL			336E											
	307D					311-E	314C CR-3									320CU	320D RR-E		320D L				329D				336BL											
	308DCR					311-E2	312C-3-MS									318C LN	320D LN		320D L RR				324EL				336E 2											
	308DSR					313C CR-3-SSS	312D									320-E	320D CR		320DL-MS				329E															
	308DCR-2					311HRR	312D-MS									320 E2	321DCR		320DL RR-MS																			
	308DSR-2					313DCR	314DCR									321B SR	321DLCR		320D L-E																			
	308ECR					313DCR-MS	312E									321C LCR	320DLN-MS		320D LRR-E																			
	308ESR					313C CR-3	311F									321C CR	3200ERF		320BL																			
	308E2CR					313DCR-SSS	312F									M322C MH	320E		320E L-2																			
	308E2SR					314ECR										M325C LMH	320E 2																					
						314ESR										320D																							
KOBELCO	SK60SR	SK70SR-2F				SK115SR	SK135SR	SK125W-3							SK200SR	SK210D-3	SK235SR-1E	SK225SR		SK220-6	SK230LC-6ES						SK310-6	SK330-8		SK450-6	SK500DLC-8		SK1000DLC-9					
	SK75UR-3	SK75SR-3				SK130UR	SK120-3	SK135SR-2							SK200SR-1S	SK200-3	SK235SR-1ES	SK235SRD-2		SK230-6	SK250LCD-6ES							SK320-6	SK350LC-8		SK450LC-6	SK460-8							
	SK60-3	SK75SRD-3				SK140UR-3	SK120LC-3	SK135SRLC-2								SK200LC-3	SK235SRLC-1E	SK235SRDLC-2		SK220LC-6	SK250-8							SK310LC-6	SK350LC-8		SK430-3	SK480D-8							
	SK75UR-2	SK80SR+-3				SK100W-2	SK135SR-1E	SK135SRD-2								SK235SR	SK235SRLC-1ES	HK350W-3		SK230LC-6	SK260D-8							SK320LC-6	SK350D-8		SK430LC-3	SK480LC-8							
	SK80CS	SK80UR-6				SK115SRT	SK135SRLC-1E	SK135SRDLC-2								SK200-6	SK235SRT-1E	SK235SRD-2T		SK230-6E	SK260LC-8							SK320-6E	SK400LC-8		SK450-6S	SK500D-9							
	SK60SR-1E	SK75SR-3F				SK115SR-1E	SK120-2BS	SK135SRD-2T								SK200LC-6	SK235SRT-1ES	SK200H-9		SK230LC-6E	SK250-9							SK320LC-6E	SK330-9		SK480D-6S	SK550DLC-9							
	SK75UR-3E	SK75SR-3E				SK100-2BS	SK120LC-2BS	SK130-8								SK235SRT	SK210D-6ES	SK200-9		SK230-3	SK260D-9							SK310-3	SK350D-9		SK450LC-6S	SK500LC-9							
	SK60-2BS	SK75SRD-3E				SK100-2A	SK130UR-2	SK130UR-2								SK200-2BS	SK210LCD-6ES	SK210D-9		SK220LC-3	SK260LC-9							SK310LC-3	SK350LC-9		SK480LCD-6S	SK500DLC-9							
	SK60-2A	SK80UR-6E				SK130UR-1E	SK120LC-2A	SK135SR-2F								SK200LC-2BS	SK235SRD-1ES	SK210HLC-9		SK220-2A	SK260DLC-9							SK310-2A	SK350DLC-9										
	SK70SR-1ES					SK115SRT-1E	SK135SRT-1E	SK165SR-2F								SK200-2A	SK200C-6E	SK225SRLC-3		SK220LC-2A								SK310LC-2A											
	SK75UR-3ES					SK100W-1A	SK135SRLC	SK135SRLC-3								SK200LC-2A	SK235SRLCD-1ES	SK225SRLC-3		SK230-6ES								SK230D-6E											
	SK70SRP1-1ES					SK115SR-1ES	SK135SR-1ES	SK135SR-3								SK200-6E	SK200-8	SK210LC-9		SK250D-6ES								SK350LCD-6E											
	SK70SR-2					SK130UR-1ES	SK135SRD-1ES	SK135SRDLC-3								SK200-6ES	SK210LC-8	SK225SR-3																					
	SK75UR-5					SK115SRP1-1ES	SK135SLC-1ES									SK200LC-6E	SK210D-8	SK225SR-3																					
	SK70SRD-2					SK125SR	SK135SRLCD-1ES									SK200LC-6ES	SK210LDC-8	SK235SRDLC-3																					
	SK75+					SK130SR+	SK135SRP1-1ES										SK210D-8P	SK200H-9A																					
	SK80H-2					SK130UR-3	SK135SRT-1ES										SK235SR-2																					
						SK125SR-3	SK135SRP2-1ES										SK145LCD-1ES																					
KOMATSU	PC75UU-3	PC78UUT-6				PC128US-1	PC120-6E	PC138US-8		PC158US-2		PC160LC-7				PC228US-1	PC210-6E	PC210-8N1		PC230-6E	PC220-8N1			PC270-7			PC300-7				PC400-7							
	PC75US-3	PC60-7ND				PC128UU-1E	PC120-6ZE	PC120-8				PC160LC-7ED				PC228US-1	PC210LC-6E	PC210LC-8N1		PC220LC-6E	PC220LC-8N1						PC300LC-7				PC400LC-7							
	PC60-7E	PC78UU-6EO				PC100-6E	PC130-6E	PC130-8				PC160LC-8				PC228USLC-1	PC228US-3T	PC228US-3T1		PC230-6E	PC230-8N1						PC350-7				PC450-7							
	PC75UU-3C	PC78US-6NO				PC100-6ZE	PC138US-2	PC138US-2T1				PC170LC-10				PC200-6E	PC228USLC-3T	PC228USLC-3T1		PC230LC-6E	PC230LC-8N1						PC350LC-7				PC450LC-7							
	PC78US-5	PC78US-8				PC100L-6E	PC128US-2T	PC138US-8T								PC200-6ZE	PC228US-3NO	PC200-8EO		PC220-7	PC220-10						PC300-6NO				PC400LC-7EO							
	PC60-7C	PC78UU-8				PC128UU-1S	PC138US-2EO	PC138US-8NM								PC200LC-6E	PC228USLC-3NO	PC228US-8		PC220LC-7	PC220LC-10						PC300LC-6NO				PC450-7EO							
	PC70-7C	PC78US-8NM				PC128US-2	PC120-6EO	PC120-8NM								PC210-6E	PC200-6SE	PC228USLC-8		PC230-7	PC230-10						PC350-6NO				PC450LC-7EO							
	PC75UUT-3	PC60-8				PC128US-2EO	PC130-6EO	PC138US-10								PC210-6DE	PC200LC-6SE	PC200LC-8EO		PC230LC-7	PC230LC-10						PC300LC-7EO				PC400-7EO							
	PC75UUT-3C	PC78US-10				PC128UU-2EO	PC138US-2E1	PC138US-10NM								PC210LC-6E	PW200-7	HB205-1		PC220-8	PC220-11						PC350-7EO				PC400-8							
	PC78UU-6	PC78UU-10				PC128US-2E1	PC128US-2T1									PC228US-2	PC200-7N1	HB215LC-1		PC210LC-8	PC210LC-11						PC350LC-7EO				PC400LC-8							
	PC70-7E					PC128US-8										PC228USLC-2	PC210-7N1	PC200-10		PC230-8	PC230-11						PC300-7EO				PC450-8							
						PC128UU-8										PC238US-1T	PC200LC-7N1	PC200LC-10		PC230LC-8	PC230LC-11						PC300-8				PC450LC-8							
						PC128US-10										PC228US-3	PC210LC-7N1	PC210-10		PC220-8NO							PC300LC-8				PC400-10							
																PC228USLC-3	PC200-8	PC210LC-10		PC220LC-8NO							PC350-8				PC400LC-10							
																PC200LC-7	PC200LC-8	HB205-2									PC350LC-8				PC450-10							
																PC200-7	PC210-8	PC228US-10									PC300-10				PC450LC-10							
																PC210-7	PC210LC-8	PC228USLC-10									PC300LC-10				PC400-11							
																PC210LC-7	PC228US-3EO	HB215-2									PC350-10				PC400LC-11							
																PC200LC-6E	PC228USLC-3EO	HB215LC-2									PC350LC-10				PC450-11							
																	PC200-8N1	PC200-10														PC450LC-11							
																	PC200LC-8N1	PC200ILC-10																					
SUMITOMO	SH60-2					SH100-2	SH120-2	SH120-1B								SH215U-2	SH215UTN-2		SH200LC-3	SH220-2			SH220LC-2				SH300-2B	SH330-3B	SH300LC-2B	SH400-3							
	SH60X-2					SH100LI-2	SH120CT-2	SH120TN-2								SH200-2	SH225STN-3		SH200LC-5	SH220-3			SH220LC-3				SH350HD-2B	SH330LC-5		SH450HD-3							
	SH70U-2					SH100CT-2	SH120U-2	SH120-5								SH200LC-2	SH200-1B		SH210LCD-5				SH240-3				SH300-3	SH330-5		SH450HD-3B							
	SH75X-2					SH115U-2	SH120-3	SH135X-3B								SH200HD-2	SH200-5		SH200LC-6				SH240-5				SH330-3	SH350HD-5		SH460HD-5							
	SH75X-3					SH135X-2	SH120SS-3	SH120-6								SH200CT-2	SH225X-3B		SH235XLC-6				SH250-6				SH350HD-3	SH350HD-6		SH480LHD-5							
	SH60DX-2					SH125X-3	SH135X-3	SH135X-6								SH215X-2	SH210D-5		SH200HB-6								SH330LC-3	SH330-6		SH500LHD-5							
	SH75-1B					SH145U-1B	SH135XTN-3									SH200-3	SH200-6										SH300TN-2B	SH330LC-6		SH470HD-6							
	SH75X-3B					SH100-1B										SH200HD-3	SH235X-6										SH330LC-3B			SH480LHD-6							
	SH75X-6					SH125X-3B										SH225X-3											SH350HD-3B			SH500LHD-6							
						SH125X-6										SH200TN-2																					
HITACHI	EX75UR-3		ZX70LC			EX100-5	EX120-5	ZX135US TN				EX150LC-5		ZX195D		EX200-5	ZX200-E	ZX225USR-3		EX220-5			EX270-5				EX350K-5	ZX300	EX370HD-5	EX450H-5A	ZX450		ZX450LC		ZX650LC-3			
	EX75USR		ZX80LCK			EX100-5E	EX120-5HG	ZX135US TN-2				ZX160LC		ZX185USR		EX200LC-5	ZX200LC-E	ZX225USRLC-3		EX220LC-5			EX270LC-5				EX350LCK-5	ZX330-3	ZX370MTH	EX450H-5B	ZX450H		ZX480MT		ZX670LCH-3			
	EX75URLC-3		EX60LC-5A			EX100M-5	EX120-5E	ZX120 TN				ZX160W		ZX180LC-3		EX200-5HG	ZX210H	ZX225US-3		EX230H-5			EX280H-5				EX300-5	ZX330LC-3	ZX380HH	EX400-5B	ZX450LCH		ZX450LC-3		ZX670LCR-3			
	EX80U		EX60LCTN-5A			EX135UR	SH135-3	ZX145D				ZX160LC-3		ZX180LCN-3		EX200LC-5HG	ZX210LCH	ZX225USLC-3		EX230LCH-5			EX280LCH-5				EX300LC-5	ZX350H-3	ZX400H-3	ZX480LCH-3	ZX480MTH		ZX500LC-3					
	EX75UR-5					EX100WD-3C	EX120-5X	ZX135USL				ZX170W-3				EX200-5E	ZX225US	ZX225USRK-3		EX230K-5			ZX270				EX350H-5	ZX350LCH-3	ZX480LCK-5B		ZX450-3		ZX480LCK-3					
	EX75US-5					EX100TN-5	EX120TN-5	ZX120-3				ZX160LC-5B				EX200LC-5E	ZX225USR	ZX225USRLCK-3		EX235LCK-5			ZX270LC				EX350LCH-5	ZX350K-3	ZX400R-5B		ZX470H-3		ZX470LC-5B					
	ZX75US					EX125WD-5	EX120TN-5E	ZX130K-3								EX200-5Z	ZX225USLC	ZX225USLCTN-3		ZX230			ZX270-3				EX345USR	ZX350LCK-3			ZX470LCH-3							
	ZX70					EX135UR-5	EX120TN-5Z	ZX135US-3								EX200LC-5Z	ZX225USRLC	ZX210W-3		ZX230LC			ZX270LC-3				EX345USRLC	ZX330LC-5B			ZX520LCH-3							
	ZX75UR					EX135US-5	EX120SS-5	ZX135USK-3								EX200SS-5	ZX225USRLCK	ZX225USTN-3		ZX240H			ZX280LC-5B				EX385USR	ZX330-5B			ZX470H-3							
	ZX75US-A					ZX110	EX120-5LV	ZX145W-3								EX200LCSS-5	ZX225USRK	ZH200-A		ZX240LCH			ZX280-5B				ZX330	ZX350H-5B			ZX470LCR-3							
	EX60-3A					ZX110-E	EX130H-5	ZX135USTN-3								EX200-5LV	ZX200TN-Z	ZH200LC-A		ZX240K							ZX330LC	ZX350LCH-5B			ZX520LCR-3							
	EX60WD-2					ZX110M	EX130K-5	ZX135USL-3								EX210H-5	ZX200LC-X	ZX200LC-5B		ZX240LCK							ZX350H	ZX350K-5B			ZX470-5B							
	EX60-5A					ZX125US	EX130MT-5	ZX130L-3								EX210LCH-5	ZX200-X	ZX200-5B		ZX240-3							ZX350LCH	ZX350LCK-5B			ZX470H-5B							
	EX60TN-5A					ZX125US-E	EX135USR	ZK140LC-8								EX210K-5	ZX225US-E	ZX210H-5B		ZX240LC-3							ZX350K				ZX470R-5B							
	EX70LCK-5A					ZX135UR	EX135USRK	ZX120-5B								EX210LCK-5	ZX225USLC-E	ZX210LCH-5B		ZX250H-3							ZX350LCK				ZX470LCR-5B							
	ZX70-3					ZX125W	EX135USRTN	ZX130K-5B								EX210MT-5	ZX225USR-E	ZX210K-5B		ZX250LCH-3											ZX470H-5B							
	ZX70LC-3					ZX110-3	EX140US-5	ZX130KB-5B								EX200TN-5	ZX225USRLC-E	ZX210LCK-5B		ZX250K-3											ZX530LCH-5B							
	ZX60LCK-3					ZX110N-3	EX130K	ZX135US-5B								EX200TN-5E	ZX225US TN	ZX210KB-5B		ZX250LCK-3																			
	ZX75US-3					ZX135USS-3	ZX120	ZX135USLC-5B								EX200TN-5Z	ZX225USLC TN	ZX210LCHB-5B		ZX240LC-5B																			
	ZX75UR-3						ZX120-E	ZX135USS5-5B								EX200LCTN-5	ZX225USR TN	ZX225USLC-5B		ZX240-5B																			
	ZX75USK-3						ZX130H	ZX130L-5B								EX200LCTN-5Z	ZX225USRLC TN	ZX225US-5B		ZX250H-5B																			
	ZX75USTN-3						ZX135US	ZX135USL-5B								EX200LCTN-5Z	ZX200TN	ZX225USRLC-5B		ZX250LCH-5B																			
	ZX75UR-5B						ZX120TN-Z									EX200-5X	ZX200LCTN	ZX225USR-5B		ZX250K-5B																			
	ZX75US-5B						ZX130USK									EX200LC-5X	ZX225USLC TN-Z	ZX225USRK-5B		ZX250LCK-5B																			
	ZX75USK-5B						ZX135US-E									EX225USR	ZX225US TN-Z	ZX225USRLCK-5B																					
							ZX130MT									EX225USRLC	ZX210W	ZH200-5B																					
							ZX130L									EX225USRK	ZX200-HHE	ZH200LC-5B																					
																EX225USRLCK	ZX200-3	ZH210K-5B																					
																EX225USRLCTN	ZX200LC-3	ZH210LCK-5B																					
																ZX210K	ZX210H-3																					
																ZX210LCK	ZX210LCH-3																					
																ZX200	ZX210K-3																					
																ZX200LC	ZX210LCK-3																					
FURUKAWA	FX75UR-3		FZ70LC			FX100-5	FX120-5					FX150LC-5				FX200-5	FZ210H			FX220-5			FX270-5																
	FX75UR-5					FX100M-5	FX120-5HG					FZ160LC				FX200LC-5	FZ210LCH			FX220LC-5			FX270LC-5																
	FX75US					FX115UR	FZ120									FX200-5HG	FZ210K			FX230H-5			FZ270																
	FZ75US					FZ110	FZ120-E									FX200LC-5HG	FZ210LCK			FX230LCH-5			FZ270LC																
	FZ70					FZ110-E	FZ130H									FX225USR	FZ225USR			FZ230																			
	FZ75UR					FZ130H	FX140US-5									FX225USRLC	FZ225US			FZ230LC																			
	FZ75US-A					FX135UR-5	FZ130K									FZ200	FZ225US-E			FZ240H																			
						FX135US-5	FZ135US									FZ200-E	FZ225USLC-E			FZ240LCH																			
						FX125WD-5	FZ135US-E									FZ200LC	FZ225USR-E																						
						FZ125US	FX135USR									FZ200LC-E	FZ225USRLC-E																						
						FZ125US-E																																	
						FZ135UR																																	
YANMER	B7U-1	B7-5A	SV100-1	SV100-2																																			
	B7-3	Vio70-3A	SV100-2A																																				
	Vio70-2	B7-5B																																					
	B7-5	Vio80																																					
	Vio70	Vio80-1																																					
	Vio7-3	Vio80-1A																																					
KATO	HD307					HD510E	HD512E	HD513HRV								HD823HR-LC	HD823HRV		HD820E-LC	HD1023			HD1023-LC				HD1430					HD2045B						
	HD308US					HD510E-MC	HD513HR	HD513MRVLC								HD823HR	HD823MRVLC		HD820 II -LC	HD1023 II			HD1023 II -LC				HD1430-LC											
	HD308USV						HD513MR III	HD512-6								HD820E	HD820-6		HD820 III -LC	HD1023B			HD1023 III -LC				HD1430 III											
							HD512E	HD512LC-6								HD820 II	HD820LC-6		HD820VLC								HD1430 III -LC											
							HD512V	HD513HR-6								HD820 III	HD823HR-6											HD1430V										
							HD512VLC	HD513HRLC-6								HD823HR III	HD823HRLC-6											HD1430VLC										
																HD823HR II -LC																						
																HD820V																						
KUBOTA	K-75US	KX80U				K-125US-E	K-135US	K-130K				KX150LC-5				K-225US	K-210LCH-3			K-230			K-270																
	K-70	KX60-5A				K-125US	K-135US-E	K-135USK				K-160LC				K-225US-E	K-210LCK-3			KX230-5																			
	K-75UR	K-70-3				K-110-E	K-130-E	K-120-3								K-225URR	K-225USR-3			K-240-3																			
	K-75US-A	K-70LC-3				K-110	K-120	K-130K-3								K-225USR-E	K-225USRLC-3			K-240LC-3																			
	KX-75US-5	K-80LCK-3				K-135UR	KX120-5	K-135US-3								K-200	K-225USRK-3			K-250H-3																			
	KX75US-3	K-75US-3				KX100-5	KX135USR	K-135USK-3								K-200-E	K-225USRLCK-3			K-250K-3																			
	KX75UR-5					KX135US-5										KX-225USR	K-225US-3			K-250LCH-3																			
						KX135UR										KX200-5	K-225USLC-3			K-250LCK-3																			
						KX135UR-5										KX200LC-5	K-200LC																						
						K-110-3										K-200-3	K-210K																						
						K-110M-3										K-200-LC-3																							
																K-210H-3																						
																K-210K-3																						