

EXCAVATOR

Mini Excavator						
Model	Engine power (kW/HP)	Operating weight (t)	Standard bucket (m³)	Engine	Stage	
SY18C	10.3/2200	1.92	0.21	Yanmar	II	
SY18C	14.6/2400	1.82	0.04(optional)	Yanmar	V /Tier 4f	
SY20C	14.6/2400	1.92	0.04(optional)	Yanmar	II	
SY26U	15.2/2500	2.78	0.06(optional)	Yanmar	V /Tier 4f	
SY35U	20.2/2200	3.86	0.12	Yanmar	II	
SY35U	18.2/2200	3.86	0.12(optional)	Yanmar	V /Tier 4f	
SY50U	29.1/2400	5.3	0.152(optional)	Yanmar	V /Tier 4f	

Small Excavator						
Model	Engine power (kW/HP)	Operating weight (t)	Standard bucket (m³)	Engine	Stage	
SY55C	36/2100	5.78	0.21	Izusu	II	
SY60C	42.4/2000	6	0.21(optional)	Yanmar	Tier 4f	
SY75C	43.2/2000	7.28	0.28	Izusu	II	
SY75C	42.4/2000	7.28	0.28	Yanmar	V /Tier 4f	
SY80U	53.7/2100	8.8	0.28(optional)	Yanmar	V /Tier 4f	
SY135C	73/2000	13.5	0.6	Izusu	II	
SY135C	78.5/2000	14.9	0.6(optional)	Izusu	V /Tier 4f	
SY135F	72.7/2200	16.8	0.6	Izusu	II	
SY155H	84/2200	14.1	0.65	Izusu	II	
SY155U	78.5/2000	16	0.6(optional)	Izusu	V /Tier 4f	

Medium Excavator						
Model	Engine power (kW/HP)	Operating weight (t)	Standard bucket (m³)	Engine	Stage	
SY205C	118/2000	21.2	0.93	Mitsubishi	III	
SY210C	104/2000	21	0.93	Cummins	I	
SY215C	118/2000	21.9	0.93	Mitsubishi	III	
SY215ACE	122/2300	23.4	0.8, 1.1(optional)	Cummins	Tier 4f	
SY215ACE	118/2000	21.9	1.1	Mitsubishi	III	
SY215C	129/2200	24	1.19(optional)	Cummins	V	
SY220C	144/2000	21.8	0.93	SANY	II	
SY225C	122/2300	24.5	1.9	Cummins	IV	
SY240C	128.5/2100	24.2	1.4	Izusu	II	
SY245H	147/2100	25.5	1.3	Mitsubishi	III	
SY256C	142/2000	27.7	1.3(optional)	Cummins	Tier 4f	
SY256C	145/2000	27	1.3(optional)	Cummins	V	
SY305C	209/2100	32.3	1.7	Cummins	V	
SY305H	212/2000	31.5	1.65	Izusu	III	
SY335C	190.5/2000	34.3	1.5	Izusu	II	
SY350C	190.5/2000	34.3	1.8	Izusu	II	
SY355C	209/2200	36.1	1.5	Cummins	Tier 4f	

Large Excavator						
Model	Engine power (kW/HP)	Operating weight (t)	Standard bucket (m³)	Engine	Stage	
SY365H	212/2000	36.5	1.6	Izusu	III	
SY375H	212/2000	37.5	1.9	Izusu	III	
SY390H	252/1800	40	1.9	Cummins	V	
SY415H	257/2000	41.5	2.2	Izusu	III	
SY500H	298/2100	50.5-54.5	2.2	Cummins	V /Tier 4f	
SY550HD	300/1800	52	3.1	Izusu	III	
SY750H	377/1800	78.2	4.6	Izusu	III	
SY870H	377/1800	78.6	5.4	Izusu	III	
SY980H	425/1800	95.8	6.1	Scania	III	

Wheeled Excavator						
Model	Engine power (kW/HP)	Operating weight (t)	Standard bucket (m³)	Engine	Stage	
SY65W	45.4/2400	5.92	0.21	Kubota	II	
SY155W	120/2000	13.5	0.65	Weichai	II	
SY155W	115/2000	15	0.6(optional)	Deutz	V /Tier 5	

Demolition Machine						
Model	Engine power (kW/HP)	Operating weight (t)	Engine	Stage		
SYC6028	298/2100	64	Cummins	V /Tier 4f		
SY50H	298/2100	64	Cummins	V /Tier 4f		

Long-reach Excavator						
Model	Engine power (kW/HP)	Operating weight (t)	Standard bucket (m³)	Engine	Stage	
SY215C(18M LR)	118/2000	26.9	0.35	Mitsubishi	II	
SY235C(18M LR)	114/2000	29.4	0.35	SANY	II	
SY235C(18M LR)	128.5/2100	28.6	0.35	Izusu	II	
SY245C(18M LR)	147/2100	30.8	0.35	Mitsubishi	II	
SY265C LC(18M LR)	145/2000	28.7	0.35(optional)	Cummins	IV	

Wheel Loader						
Model	Engine power (kW/HP)	Operating weight (t)	Rated load (t)	Standard bucket (m³)	Engine	Stage
SYL956H5	164/2000	17.9	5	3.0/3.2/3.5	Dongfeng Cummins	II
SY955K	162/2000	17.9	5	3.0	Weichai	II
SW405K	170/2300	18.5	5	3.2	Deutz	Tier 4f
SW305K	121/2200	14.5	4	2.2	Deutz	Tier 4f

ROAD MACHINERY

Single Drum Roller						
Model	Operating weight (t)	Vibration frequency (Hz)	Centrifugal force (kN)	Engine	Stage	
SSR100C-10	10	32/36	245/244	Dongfeng Cummins	II / III	
SSR120C-10	12	32/36	280/178			
SSR140C-8	14	33/36	290/200	Dongfeng Cummins	II	
SSR150C-8	15	32/36	300/210	Dongfeng Cummins	III	
SSR160C-8	16	33/36	300/210	Dongfeng Cummins	II	
SSR180C-8	18	29/35	380/275	Dongfeng Cummins	III	
SSR200AC-8H	20	29/35	380/275	Weichai	III	
SSR200C-8H	20	29/35	380/275	Weichai	III	
SSR200AC-8H	22	29/35	390/258	Weichai	III	
SSR200C-8H	22	29/35	390/258	Weichai	III	
SSR260AC-8H	26	27/32	418/295	Weichai	III	
SSR260C-8	26	28/32	420/310	SANY	III	

Tandem Drum Roller						
Model	Operating weight (t)	Vibration frequency (Hz)	Centrifugal force (kN)	Engine	Stage	
STR30C-8	3	55/67	46/28	Yanmar	II	
STR50C-8	4.5	50/60	68/47	Kubota	II	
SZR30C-8	2.9	55/67	46/28	Yanmar	II	
STR100C-8C	10.5	50/61	140/94			
STR130C-8C	13	50/61	169/119	Dongfeng Cummins	II	
STR140C-8C	14	50/61	169/119			

Pneumatic Tyre Roller						
Model	Operating weight (t)	Compaction width (mm)	Ground pressure (kPa)	Engine	Stage	
SPR160C-8	16	2085	200-400	Dongfeng Cummins	II	
SPR200C-8	20	2085	200-480	Cummins	II	
SPR260C-8S	26	2368	200-520	Weichai	II	
SPR300C-8S	30	2368	200-540			

Motor Grader						
Model	Rated power (kW)	Operating weight (t)	Length of blade (ft)	Engine	Engine	Stage
STG140C-8S	112	13	12	Dongfeng Cummins	II	
STG170C-8S	132.5	14.73	12	Weichai	III	
STG190C-8S	147/142	15.8/10.6	12	Weichai Dongfeng Cummins	II / III	
STG210C-8S	154/160	16.2/16	12	Dongfeng Cummins	II	
STG230C-8S	180	16.6	14	SANY	II	
SMG200C-8	160	17.3	12	Dongfeng Cummins	III	
SMQ200C-8	186	20.46	14	Cummins	Tier 4f	

Paver					
Model	Paving capacity (t/h)	Paving width (m)	Max. paving thickness (cm)	Rated power of engine(kW)	
SAP45C-8S	320	4.5	25	97	
SAP90C-8	450	6	25	97	
SAP90C-8	900	9.2	35	180	
SAP120C-8	1100	12	35	170	
SSP90C-8H	800	8	7.78-2	35	155
SSP90C-8H	800	8	50	155	
SSP90C-8	900	9.2	50	180	
SSP100C-8	900	10	50	180	
SSP130C-10	1200	13.5	55	242	

Asphalt Batching Plant					
Model	Rated productivity (t/h)	Installed power (kW)	Fuel consumption (kg/t)	Mixer capacity(kg)	
SLB1000X8	90	260	6.5	1100	
SLB1500X8	120	327	6.5	1650	
SLB2000C8	160	380	6.5	2250	
SLB3000C8	240	603	6.5	3500	

PILING MACHINERY

Rotary Drilling Rig							
Series	Model	Diameter (mm)	Depth (m)	Operating weight (t)	Engine power (kW/HP)	Engine	Stage
C10	SR65	1100	27/20	23	84/2200	Izusu	COM II
	SR125	1300	45/38	37	133/2000	Izusu	COM III
	SR155	1500	56/44	48	147/2100	Mitsubishi	COM III
	SR165	1500	56/44	51	147/2100	Mitsubishi	COM III
	SR185	1800	59/47	63	212/2200	Izusu	COM III
	SR215	1800	64/51	65	212/2200	Izusu	COM III
	SR265	2200	73/58	85	257/2000	Izusu	COM III
	SR235	2000	68/54	81	257/2000	Izusu	COM III
	SR305R	2500	100/65	105	300/1800	Izusu	COM III
	SR360R	2500	100/65	120	300/1800	Izusu	COM III
	SR419R	3000	110/90	145	377/1800	Izusu	COM III
	SR445R	3000	116/95	162	377/1800	Izusu	COM III
H10	SR485R	3200	120/100	180	403/1900	Cat	COM III
	SR485R	3200	120/100	180	403/1900	Volvo	COM III
	SR405R	2800	106/85	131	377/1800	Izusu	COM III
	SR405R	2500/2200 (casing)	106/85	137	300/1800	Izusu	COM III
W10	SR405R	2500/2200 (casing)	106/85	131	377/1800	Izusu	COM III
	SR235	2000/1500 (casing)	68/54	81	257/2000	Izusu	COM III
	SR235M	2000	73/58	83	265/2000	Volvo	V /Tier 4f
	SR285R	2200/1900 (casing)	94/61	105	300/1800	Izusu	COM III
M (Casing, CP,LRH)	SR285M	2200/1900 (casing)	94/61	108	345/1800	Volvo	V /Tier 4f
	SR580R	3500/4000 (casing)	150/125/100	230	470/1800	Cat	COM III

Hydraulic Grab							
Series	Model	Groove depth (mm)	Groove width (mm)	Operating weight (t)	Engine power (kW/HP)	Engine	Stage
SH	SH500	80	600-1200	130	257/2000	Izusu	COM III
	SH700	80	800-1500	130	300/1800	Izusu	COM III
H11	SH950	120	1000-3000	135	377/1800	Izusu	COM III
	SR235DW	35	600-1200	81	257/2000	Izusu	COM III

Horizontal Directional Drill					
Model	Depth (m)	Operating weight (t)	Engine power (kW/HP)		
SD500A	700	17	212/2000		

Trench Cutter					
Model	Groove depth (mm)	Operating weight (t)	Cutter dimension (m)	Engine power (kW/HP)	
SDC120	120	223	2.8 x 1.8	570.5/1800	

CONCRETE MACHINERY

Truck-mounted Concrete Pump							
Model	Vertical reach (m)	Max. theoretical output (m³/h)	Max. theoretical pressure (MPa)	Delivery cylinder diameter (mm)	Stroke length (mm)	Engine	Stage
SYG61807HB 300C-8	30.1	101	6	230	1600	SANY	V
SYG62307HB 370C-10	36.5	120/70	7/12	230	160		