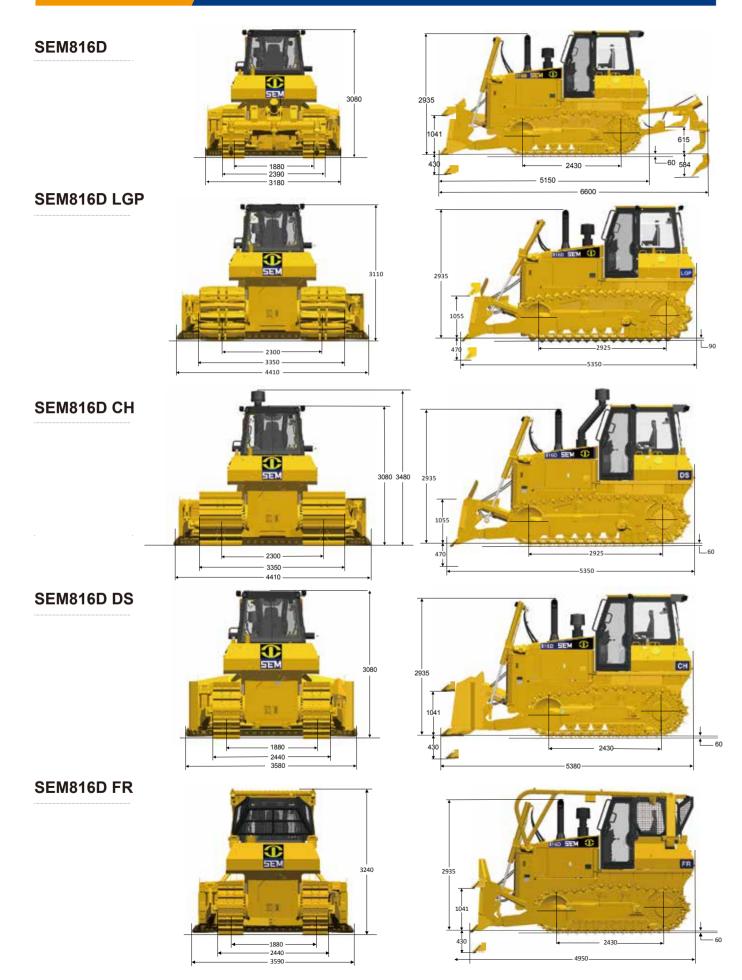
Dimensions



Main Creation

Main Specification							
Nodel		1816D	SEM816D LGP	SEM816D DS	SEM816D CH 17,160kg	SEM816D FR	
perating Weight				19,490kg 19,760kg		18,580kg	
round Pressure			31.1kPa	34.8kPa	61.8kPa	66.9	
round Clearance)mm	410mm	410mm	410mm	410mm 30°	
ax.Slope	30)°	30°	30°	30°	30	-
ngine	WD100	170505	WD100170F25	WD100170E25	WD100170F26	WD100	170505
lodel ated Power		178E25 IkW	WD10G178E25 131kW	WD10G178E25 131kW	WD10G178E25 131kW	WD10G178E25 131kW	
Vorking Tool	15	IKVV	ISIKW	ISIKW	I ISIKVV	131	KVV
lade Type	SU	S	LGP	LGP	U	SU Forestry	S Forestr
lade Capacity	4.3m3	3.5m3	3.4m3	3.4m3	5.6m3	6m3	5.8m3
lade Width	3.180mm	3,590mm	4,410mm	4,410mm	3,580mm	3,180mm	3,590mm
lade height	1,240mm	1,165mm	1,000mm	1,000mm	1,400mm	1,625mm	1,625mm
ax. Blade Digging Depth	430mm	430mm	470mm	470mm	430mm	430mm	430mm
ax.Blade Lift Ground Clearance	1,041mm	1,041mm	1,055mm	1,055mm	1,041mm	1,041mm	1,041mn
ax.Output Rimpull		j 1,04 mm	280kN	280kN	280kN		
ax.Output Rimpuli			280KIN			280kN	
aximum Digging Depth Of Ripper		mm		1	584mm	584mm 615mm	
aximum Clearance Under Tip	010	imm	1	1	615mm	010	rnrn
owertrain		dual	noth closed loop als	otropically controlle	d budroototio drivo o	votom	
/pe		dual-			d hydrostatic drive s	ystem	
avel Speed-F/R				variable speeds 0-			
eering & Brake		0		steering; wet, multi-			0.000.000
inimum Streeing Radius	3,61	0mm	3,740mm	3,740mm	3,610mm	3,61	umm
ndercarriage	F 17	100.00	1	050	ECO:	500	
rack Shoe Width-Single	510)mm	1.050	950mm	560mm	560	rnm
rack Shoe Width-APEX		/	1,050mm	950mm	/		-
rack Shoe Quantity		37	42	42	37	3	
ength Of Track On Ground		0mm	2,925mm	2,925mm	2,430mm		0mm
rack Gauge		0mm	2,300mm	2,300mm	1,880mm		0mm
rack Roller Quantity		6	7	7	6	6	
arrier Roller Quantity		2	2	2	2	2	2
ydraulic System							
/pe			ce	nter close, pilot con	trol		
nplement Hydraulic System Pressure				19 MPa			
ervice Refill Capacities							
uel Tank	32	OL	320L	320L	320L	32	0L
ooling System		5L	45L	45L	45L	45L	
ngine Crankcase		4L	24L	24L	24L	24L	
inal Drive (each side)		0L	40L	40L	30L	30L	
lydraulic Tank		0L	140L	140L	140L	140L	
ivot Shaft Case (each side)		2L	1.2L	1.2L	1.2L	140L 1.2L	
Not onall oase (cach side)	1.	22	1.26	1.25	1.25	1.4	
Optional Accessor							
= Standard, O = Optional, - = N/A	SEM8160	D SE	EM816D LGP	SEM816D DS	SEM816D	CH	SEM816D FR
DEC (China Stage II) andblast	S –		<u>S</u>	S S	S -		S
gher Air Cleaner	-		-	S	- 0		_
J Blade	S		-	-	-		_
Blade STD	0		-	-	-		-
Blade	0		-	-	S		-
Blade LGP	-		S	S	-		-
SU Forestry Blade	-		-	-	-		S
nch	-		-	-	-		0
ar Ripper w/3 Teeth	0		-	-	0		0
Shoe (510mm)	S		-	-	-		-
Shoe (560mm)	-		-	-	S		S -
Shoe (950mm) EX Shoe(1,050mm)	-		- S	<u> </u>			_
EX Shoe(1,050mm)	-		0	0			-
rrier roller	S		s	s	S		S
ack roller (one side 6 units)	S		-	-	S		S
ack roller (one side 7 units)	-		S	S	0		-
stat Powertrain	S		S	S	S		S
per PVD	S		S	S	S		S
dio	0		0	0	0		0
oduct link	S		S	S	S		0
agnostic code display	0		0	0	0		0
A Alternator / Transverter	S		S	S	S		S
D	0		0	0	0		0
acon	0		0	0	0		s
D Cab	S		s	S	s		S
It line Cab	0		-	-	0		-
nopy	-		-	-	-		0
ar Electric Heated Glass	S		S	S	S		S
AC	0		0	0	0		0
	S		S	S	S		S
st Pedal			<u> </u>				
ols Box	S		S	S	S		S
ols Box up Holder	S S		S S	S S	S		S
ols Box ip Holder invisor Hook	S S S		\$ \$ \$	\$ \$ \$	S S		S S
xols Box up Holder mvisor Hook lel Gauge	S S S S		S 5 S 5 S 5	\$ \$ \$ \$	S S S		S S S
est Pedal pols Box up Holder unvisor Hook uel Gauge oor wiper OPS/FOPS	S S S		\$ \$ \$	\$ \$ \$	S S		S S

Madal	00040	160	CEM040DLOD	CEM04CD DC	CEM040D OL	001404	6D ED
Model	SEM8		SEM816D LGP	SEM816D DS	SEM816D CH	SEM81	
Operating Weight	16,900		19,490kg	19,760kg	17,160kg	18,58	
Ground Pressure	66.8k		31.1kPa	34.8kPa	61.8kPa	66.9	
Fround Clearance	410m	nm	410mm	410mm	410mm	410mm	
1ax.Slope	30°		30°	30°	30°	30	~
	1004004	79525	WD100170525			WD400	170505
fodel	WD10G1		WD10G178E25 131kW	WD10G178E25	WD10G178E25	5 WD10G178E2 131kW	
Rated Power	131k	vv	131KVV	131kW	131kW	131	r.∜V
Blade Type	SU	S	LGP	LGP	U	SU Forestry	S Forest
Blade Capacity	4.3m3	3.5m3	3.4m3	3.4m3	5.6m3	6m3	5.8m3
Blade Width	3,180mm	3.590mm	4,410mm	4,410mm	3,580mm	3,180mm	3,590mr
Blade height	1.240mm	1,165mm	1,000mm	1.000mm	1.400mm	1.625mm	1.625m
Aax. Blade Digging Depth	430mm		470mm	470mm	430mm	430mm	430mm
Aax. Blade Digging Depth		430mm 1,041mm					
Ax.Blade Lift Ground Clearance	1,041mm		1,055mm	1,055mm	1,041mm	1,041mm	1,041m
Max.Output Rimpull	280k		280kN	280kN	280kN	280	
Maximum Digging Depth Of Ripper Maximum Clearance Under Tip	584m		1	1	584mm	584	
Powertrain	615m	1(1)	1	1	615mm	615	rnrn
ype		dual-i	path, closed loop ele	ctropically controllo	d hydrostatic drivo	system	
ravel Speed-F/R		uuai-		variable speeds 0-		system	
Steering & Brake Minimum Streeing Radius	3,610	mm	3,740mm	steering; wet,multi- 3,740mm	-disc brake 3.610mm	2.64	0mm
	3,010	11011	1 3,740mm	3,740mm	3,0 IUMM	3,61	omm
Jndercarriage	E40		1	0E0mar-	ECOme-	500	
Track Shoe Width-Single	510m	1111	1.050m	950mm	560mm	560	
Track Shoe Width-APEX	/		1,050mm	950mm	1	37	
Track Shoe Quantity	37		42	42	37		
Length Of Track On Ground	2,430		2,925mm	2,925mm	2,430mm		0mm
Track Gauge	1,880	mm	2,300mm	2,300mm	1,880mm		0mm
Track Roller Quantity	6		7	7	6	6	
Carrier Roller Quantity	2		2	2	2	2	2
Hydraulic System							
Гуре			Cer	nter close, pilot con	trol		
mplement Hydraulic System Pressure				19 MPa			
Service Refill Capacities							
Fuel Tank	320		320L	320L	320L	32	
Cooling System	45L		45L	45L	45L	45	
				24L	24L	24	4L
	24L		24L				
Final Drive (each side)	30L	-	40L	40L	30L	30)L
Engine Crankcase Final Drive (each side) Hydraulic Tank	30L 140	- L	40L 140L	40L 140L	30L 140L	30 14)L OL
Final Drive (each side) Hydraulic Tank Pivot Shaft Case (each side)	30L 140 1.2L	- L	40L	40L	30L	30)L OL
Final Drive (each side) Hydraulic Tank Pivot Shaft Case (each side) Optional Accessor	30L 140 1.21	- L -	40L 140L 1.2L	40L 140L 1.2L	30L 140L 1.2L	30 14 1.2	DL OL 2L
Final Drive (each side) Hydraulic Tank Pivot Shaft Case (each side) Optional Accessor = Standard, 0 = Optional, - = N/A VDEC (China Stage II)	30L 140 1.2L	- L -	40L 140L	40L 140L 1.2L SEM816D DS S	30L 140L	30 14 1.2)L OL
Final Drive (each side) Hydraulic Tank Pivot Shaft Case (each side) Optional Accessor = Standard, O = Optional, - = N/A VDEC (China Stage II) Sandblast	30L 140 1.2l ies SEMB16D S	- L -	40L 140L 1.2L	40L 140L 1.2L SEM816D DS S S	30L 140L 1.2L SEM8160 	30 14 1.2	DL OL 2L SEM816D FR S -
Final Drive (each side) Hydraulic Tank Pivot Shaft Case (each side) Optional Accessor S = Standard, O = Optional, - = N/A VDEC (China Stage II) sandblast Igher Air Cleaner	30L 140 1.2I ies sem816D s -	- L -	40L 140L 1.2L	40L 140L 1.2L SEM816D DS S S S	30L 140L 1.2L SEM8160 S S - - - 0	30 14 1.2	DL DL 2L SEM816D FR S - -
Final Drive (each side) Hydraulic Tank Divot Shaft Case (each side) Optional Accessor = Standard, 0 = Optional, - = N/A VDEC (China Stage II) iandblast ligher Air Cleaner U Blade	30L 140 1.21 ies SEM816D S - - - - S	- L -	40L 140L 1.2L	40L 140L 1.2L SEM816D DS S S S S S	30L 140L 1.2L SEM8161 S - 0 0	30 14 1.2	DL DL 2L SEM816D FR S - - -
Final Drive (each side) Hydraulic Tank Pivot Shaft Case (each side) Optional Accessor = Standard, 0 = Optional, -= N/A VDEC (China Stage II) sandblast Higher Air Cleaner SU Blade Blade STD	30L 140 1.2l ies SEM816D S - - - - S 0	- L -	40L 140L 1.2L	40L 140L 1.2L SEM816D DS S S S S S - -	30L 140L 1.2L SEM8161 S S - - 0 - -	30 14 1.2	DL DL 2L SEM816D FR S - -
Final Drive (each side) Hydraulic Tank Pivot Shaft Case (each side) Optional Accessor S = Standard, O = Optional, - = N/A VDEC (China Stage II) tandblast ligher Air Cleaner U Blade Blade STD Blade	30L 140 1.21 ies SEM816D S - - - - S	- L -	40L 140L 1.2L	40L 140L 1.2L SEM816D DS S S S S S - -	30L 140L 1.2L SEM8161 S - 0 0	30 14 1.2	DL DL 2L SEM816D FR S - - - - -
Final Drive (each side) Hydraulic Tank Pivot Shaft Case (each side) Optional Accessor = Standard, O = Optional, - = N/A VDEC (China Stage II) andblast Igher Air Cleaner U Blade Elade STD Blade Blade LGP	30L 140 1.2l ies sem816D s - - - - s 0 0	- L -	40L 140L 1.2L	40L 140L 1.2L SEM816D DS S S S S S - -	30L 140L 1.2L SEM8160 S S - - - - - - - - - - - - - - - - S	30 14 1.2	DL DL 22 SEM816D FR S - - - - - - - - - -
Final Drive (each side) Hydraulic Tank Pivot Shaft Case (each side) Optional Accessor = Standard, O = Optional, - = N/A //DEC (China Stage II) andblast ligher Air Cleaner U Blade Blade Blade STD Blade Blade Blade Blade LGP /SU Forestry Blade //nch	30L 140 1.2l ies sem816D s - - - - - - - - - - - - - - - - - -	- L -	40L 140L 1.2L	40L 140L 1.2L SEM816D DS S S S - - - S	30L 140L 1.2L SEM816I S - - - - - - - - - - - - - - - - - -	30 14 1.2	DL DL 2L SEM816D FR S - - - - - - - - - - - - -
Final Drive (each side) Hydraulic Tank Pivot Shaft Case (each side) Optional Accessor estandard, O = Optional, - = N/A //DEC (China Stage II) andblast Igher Air Cleaner U Blade Blade LGP //SU Forestry Blade //inch tear Ripper w/3 Teeth	30L 140 1.2l ies SEMB16D S S - - - - - - - - - - - - - - - - -	- L -	40L 140L 1.2L	40L 140L 1.2L SEM816D DS S S S S S - - - - - - - - - - - - - -	30L 140L 1.2L SEMB16I S S - - - - - - - - - - - - - - - - -	30 14 1.2	DL DL 2L SEM816D FR S - - - - - - - - - - - - - - - - - -
Final Drive (each side) Hydraulic Tank Pivot Shaft Case (each side) Optional Accessor = Standard, 0 = Optional, - = N/A //DEC (China Stage II) andblast igher Air Cleaner U Blade Blade STD Blade Blade STD Blade Blade LGP /SU Forestry Blade /inch tear Ripper w/3 Teeth G Shoe (510mm)	30L 140 1.2l ies SEM816D S S - - - - - - - - - - - - - - - - -	- L -	40L 140L 1.2L	40L 140L 1.2L SEM816D DS S S S S - - - - S - - - - - - - - - -	30L 140L 1.2L SEM816(S - - - - - - - - - - - - - - - - - -	30 14 1.2	DL DL 2L SEM816D FR S - - - - - - - - - - - - - - - - - -
Final Drive (each side) Hydraulic Tank Pivot Shaft Case (each side) Optional Accessor = Standard, 0 = Optional, - = N/A //DEC (China Stage II) andblast ligher Air Cleaner U Blade Blade STD Blade Blade LGP //SU Forestry Blade //inch tear Ripper w/3 Teeth G Shoe (560mm) G Shoe (560mm)	30L 140 1.2l ies SEM816D S S - - - - - - - - - - - - - - - - -	- L -	40L 140L 1.2L	40L 140L 1.2L SEM816D DS S S S S S - - - - - - - - - - - - -	30L 140L 1.2L SEM816I S - - - - - - - - - - - - - - - - - -	30 14 1.2	DL DL 22 SEM816D FR S - - - - - - - - - - - - - - - - - -
Final Drive (each side) Hydraulic Tank Pivot Shaft Case (each side) Optional Accessor Standard, O = Optional, - = N/A //DEC (China Stage II) andblast igher Air Cleaner U Blade Blade STD Blade LGP /SU Forestry Blade /inch G Shoe (510mm) G Shoe (550mm) G Shoe (950mm)	30L 140 1.2l ies SEMB16D S S - - - - - - - - - - - - - - - - -	- L -	40L 140L 1.2L	40L 140L 1.2L SEM816D DS S S S S S S S S S S S S S S S S S S	30L 140L 1.2L SEM8161 S - - - - - - - - - - - - - - - - -	30 14 1.2	DL DL 2L SEM816D FR S - - - - - - - - - - - - - - - - - -
Final Drive (each side) Hydraulic Tank Pivot Shaft Case (each side) Optional Accessor estandard, 0 = Optional, - = N/A //DEC (China Stage II) andblast igher Air Cleaner U Blade Blade STD Blade STD Blade LGP /SU Forestry Blade //inch ear Ripper w/3 Teeth G Shoe (560mm) G Shoe (950mm) PEX Shoe(1,050mm)	30L 140 1.2l ies SEM816D S S - - - - - - - - - - - - - - - - -	- L -	40L 140L 1.2L	40L 140L 1.2L SEM816D DS S S S S - - - - - - - - - - - - -	30L 140L 1.2L SEM816I S - - - - - - - - - - - - - - - - - -	30 14 1.2	DL DL 22 SEM816D FR S - - - - - - - - - - - - - - - - - -
Final Drive (each side) Hydraulic Tank Pivot Shaft Case (each side) Optional Accessor Standard, 0 = Optional, - = N/A //DEC (China Stage II) andblast igher Air Cleaner U Blade Blade STD Blade LGP /SU Forestry Blade /inch G Shoe (510mm) G Shoe (950mm) PEX Shoe(950mm)	30L 140 1.2l ies sem816D s - - - - - - - - - - - - - - - - - -	- L -	40L 140L 1.2L	40L 140L 1.2L SEM816D DS S S S S S S S S S S S S S	30L 140L 1.2L SEM816I S - - - - - - - - - - - - -	30 14 1.2	DL DL 22 SEM816D FR S - - - - - - - - - - - - - - - - - -
inal Drive (each side) Hydraullic Tank Privot Shaft Case (each side) Optional Accessor = Standard, O = Optional, - = N/A //DEC (China Stage II) andblast giber Air Cleaner U Blade Blade LGP Blade LGP SU Forestry Blade /inch ear Ripper w/3 Teeth G Shoe (560mm) G Shoe (560mm) PEX Shoe(1,050mm) PEX Shoe(950mm) PEX Shoe(950mm)	30L 140 1.2l ies SEM816D S S - - - - - - - - - - - - - - - - -	- L -	40L 140L 1.2L	40L 140L 1.2L SEM816D DS S S S S - - - - - - - - - - - - -	30L 140L 1.2L SEM816I S - - - - - - - - - - - - -	30 14 1.2	DL DL 2L SEM816D FR S - - - - - - - - - - - - - - - - - -
Final Drive (each side) Hydraullic Tank Divot Shaft Case (each side) Optional Accessor Optional Accessor Standard, 0 = Optional, - = N/A / DEC (China Stage II) andblast igher Air Cleaner U Blade Blade STD Blade STD Blade LGP /SU Forestry Blade /inch ear Ripper w/3 Teeth G Shoe (950mm) G Shoe (950mm) PEX Shoe(1050mm) PEX Shoe(950mm) arack roller (one side 6 units)	30L 140 1.2l ies SEMB16D S S 0 0 - - - - - - - - - - - - - - - -	- L -	40L 140L 1.2L	40L 140L 1.2L SEM816D DS S S S S S S - - - - S - - - - S - - - - S - - - - S - - - - - - - - - - - - -	30L 140L 1.2L SEM816 S - - - - - - - - - - - - - - - - -	30 14 1.2	DL DL 2L SEM816D FR S - - - - - - - - - - - - - - - - - -
Final Drive (each side) Hydraulic Tank Divot Shaft Case (each side) Optional Accessor Optional Accessor Standard, 0 = Optional, - = N/A //DEC (China Stage II) andblast igher Air Cleaner U Blade Blade STD Blade LGP /SU Forestry Blade (Inch ear Ripper w/3 Teeth G Shoe (500mm) G Shoe (500mm) PEX Shoe(1,050mm) PEX Shoe(1,050mm) Park Folger rack roller (one side 6 units) rack roller (one side 7 units) ystat Powertrain	30L 140 1.2l ies SEM816D S S - - - - - - - - - - - - - - - - -	- L -	40L 140L 1.2L M816D LGP S - - - - - - - - - - - - -	40L 140L 1.2L SEM816D DS S S S S - - - - S - - - - - - - - - - - - -	30L 140L 1.2L SEM816(S - - - - - - - - - - - - -	30 14 1.2	DL DL 2L SEM816D FR S - - - - - - - - - - - - - - - - - -
Final Drive (each side) Hydraulic Tank Divot Shaft Case (each side) Optional Accessor Optional Accessor Standard, 0 = Optional, - = N/A //DEC (China Stage II) andblast igher Air Cleaner U Blade Blade STD Blade STD Blade GP /SU Forestry Blade /inch ear Ripper w/3 Teeth G Shoe (950mm) G Shoe (950mm) PEX Shoe(1,050mm) PEX Shoe(1,050mm) PEX Shoe(950mm) arack roller (one side 6 units) rack roller (one side 7 units) ystat Powertrain uper PVD	30L 140 1.2l ies sem816D SEM816D S - - - - - - - - - - - - - - - - - -	- L -	40L 140L 1.2L M816D LGP S - - - - - - - - - - - - -	40L 140L 1.2L SEM816D DS S S S S - - - - S - - - S O O O S - - - S S S S S S S S S S S S S	30L 140L 1.2L SEM816(S - - - - - - - - - - - - -	30 14 1.2	DL DL 2L SEM816D FR S - - - - - - - - - - - - - - - - - -
Final Drive (each side) Hydraulic Tank Pivot Shaft Case (each side) Optional Accessor Standard, 0 = Optional, - = N/A /DEC (China Stage II) andblast igher Air Cleaner U Blade Blade STD Blade STD Blade LGP (SU Forestry Blade /inch G Shoe (950mm) PEX Shoe(1050mm) PEX Shoe(950mm) PEX Shoe(950mm) PEX Shoe(950mm) yetak roller (one side 6 units) rack roller (one side 7 units) ystat Powertrain uper PVD adio	30L 140 1.2l ies sem816D S - - - - - - - - - - - - - - - - - -	- L -	40L 140L 1.2L	40L 140L 1.2L SEM816D DS S S S S S S S S S S S S S	30L 140L 1.2L SEM816I S 	30 14 1.2	DL DL 22 SEM816D FR S - - - - - - - - - - - - - - - - - -
inal Drive (each side) Hydraulic Tank Pivot Shaft Case (each side) Optional Accessor = Standard, O = Optional, - = N/A //DEC (China Stage II) andblast igher Air Cleaner U Blade Blade LGP Blade CGP SU Forestry Blade (inch ear Ripper W/3 Teeth G Shoe (500mm) G Shoe (500mm) PEX Shoe(1,050mm) PEX Shoe(1,050mm) PEX Shoe(1,050mm) PEX Shoe(I,050mm) PEX Shoe(I,050mm) PEX Shoe(I,050mm) PEX Shoe(I,050mm) PEX Shoe(I,050mm) PEX Shoe(I,050mm) PEX Shoe(I,050mm) PEX Shoe(I,050mm) PEX Shoe(I) gistal Powertrain uper PVD adio roduct link	30L 140 1.2l ies SEM816D S S - - - - - - - - - - - - - - - - -	- L -	40L 140L 140L 1.2L	40L 140L 1.2L SEM816D DS S S S S S - - - - S - - - - S - - - - - - - - - - - - -	30L 140L 1.2L SEM816I S 	30 14 1.2	DL DL DL DL DL DL DL DL DL DL
Final Drive (each side) Hydraullic Tank Pivot Shaft Case (each side) Optional Accessor Standard, 0 = Optional, - = N/A /DEC (China Stage II) andblast igher Air Cleaner U Blade Blade STD Blade STD Blade LGP /SU Forestry Blade /inch ear Ripper w/3 Teeth G Shoe (560mm) PEX Shoe(1050mm) PEX Shoe(1050mm) PEX Shoe(1050mm) pet of (one side 6 units) rack roller (one side 7 units) ystat Powertrain uper PVD adio roduct link lagnostic code display	30L 140 1.2l ies SEM816D SEM816D S S - - - - - - - - - - - - - - - - -	- L -	40L 140L 1.2L	40L 140L 1.2L SEM816D DS S S S S - - - - S - - - - - - - - - - - - -	30L 140L 1.2L SEM816(S - - - - - - - - - - - - -	30 14 1.2	DL DL DL 2L SEM816D FR S - - - - - - - - - - - - - - - - - -
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51 Track Type Tractor



SEM816D

Efficient: The electronically controlled hydrostatic drive system and multi functional joystick provide high levels of performance and maneuverability.

Comfortable Operation: The cabin is ergonomically designed for increased operator comfort and visibility. The advanced monitoring system tracks machine operating conditions and keeps the operator informed of all vital machines functions.

Reliable: The proven hydrostat design along with world class pump and motors provide a highly reliable tractor. The undercarriage components are designed for longer life versus the leading competitor.

Serviceability: The SEM tractors are designed for easy access to reduce overall maintenance time. The machines electronic control module allows for quick troubleshooting.





Website http://www.semmachinery.com



Cat[®] Product Link[™]

Cat[®] Product Link[™] will support your business, and accurately convey information of the equipment to relevant personnel in a timely and effective manner for your better equipment management.



Hydrostatic Drive System

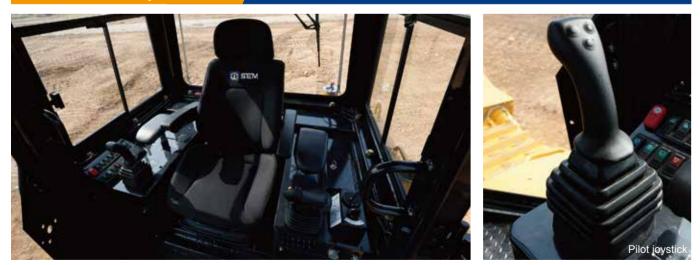


Upgraded hydrostatic system not only leverages Caterpillar automatic, dual path, hydrostatic drive with electronic control technology of the third generation TTT, but also increases efficiency and reliability.

Adopt Rexroth German new generation one case drive pump to combine control valve, track motor, simplified hose line design, continue to increase the reliability.

- Caterpillar high pressure hose provides reliability and durability. Caterpillar control technology provides accurate control and high transmission efficiency.
- Integrated the hydrostatic oil tank and implement hydraulic oil tank to improve filtrated precision and cooling capability of hydraulic system, increasing reliability and reducing maintenance cost.
- Maintenance costs are reduced by 60% when compared competitors with torque converter and transmission and rear axle.
- Counter rotation, power turn and infinitely variable speed save lots of time, increasing working efficiency.

Comfortable Operation



- Counter rotation—Tracks counter rotate to provide best in class maneuverability.
- Powered turn Machine maintains full power through turns to increase productivity.
- Cruise control—Operators can retain previous speed settings which makes operation easily.
- Multi-function joystick allows for counter-rotation, powered turn and cruise control.
- Pilot joystick control provides comfortable precise blade operation.

Semi-Universal Blade



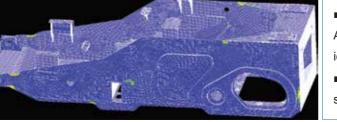
Semi-Universal (SU) blade

- SU blade combines the excellent penetration of the S blade and the high production capacity of the U blade. Designed for superior load retention and penetration in tightly packed materials.
- L-shaped push arms bring the blade closer to the machine, providing excellent maneuverability, balance and blade penetration.
- Blades feature a strong box section design, made from high tensile strength steel to stand up to the most severe applications.

Undercarriage







- Undercarriage is provided by China industry expert ensures high reliability and resistance to wear.
- Carrier rollers, track rollers and idle rollers are all maintenance free.
- Planetary final drive design delivers increased torque ratio for higher transmission efficiency and lower maintenance cost.
- Durable final drive bearings and multiple wet disc brakes provide reliability, reduce system heat and extend overall life.

Machine structures are analyzed using Finite Element Analysis (FEA) and On Machine Stress Analysis (OMSA) to identify and protect high stress areas.

Advanced structure welding technique, relieving welding stress.

Modular Radiator



New advanced cooling system designed to meet -40°C to +50°C ambient temperatures capability. Modular designed radiator, easy to maintain, remove and repair. Radiator grill provides better heat dissipation, easy access for

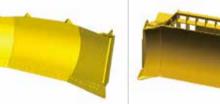


- Electronic Control Module (ECM) fault diagnosis system, automatic diagnosis of eight key parameters.
- Monitoring system provides three levels of alarm, to indicate fault diagnosis.
- Hydrostatic system has longer service interval (2000 hrs), reduces maintenance time by 50%.
- Implement valve mounted outside of hydraulic tank provides easy access to check and service.

Blade Options









Semi-Universal blade (with hydraulic tilt)

Straight blade

SU Forestry

Optional Attachments







Air Conditioning

U Blade



Multi-Shank Ripper(3 ripper shanks)

Cold Weather / Artic Oils