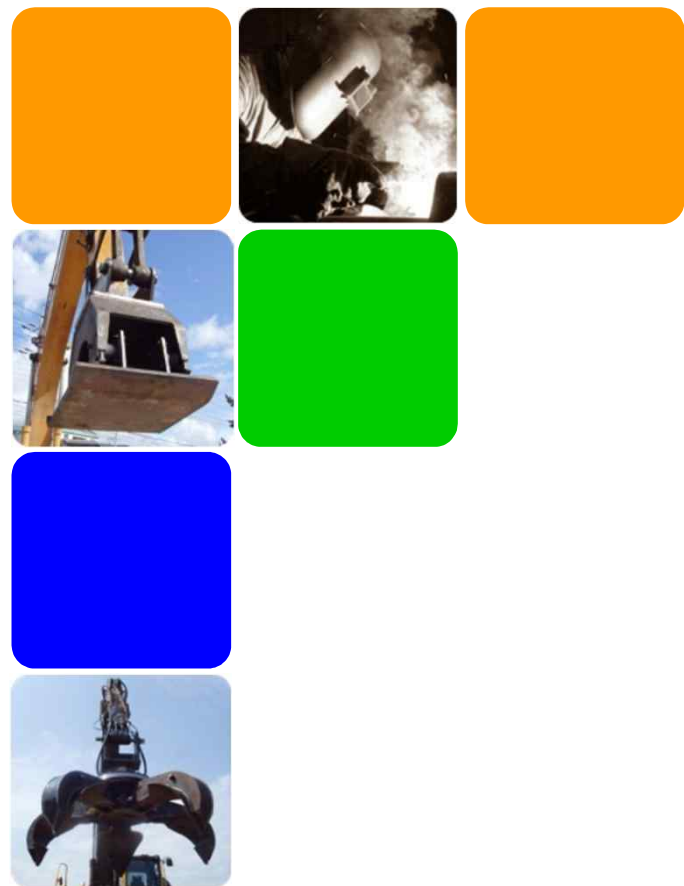




Choose the equipment that's best for your business.

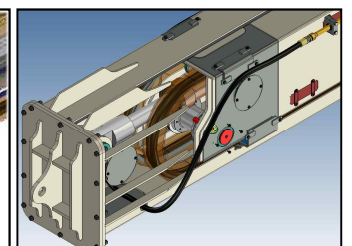
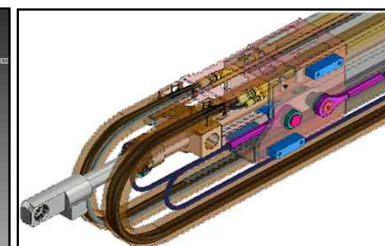
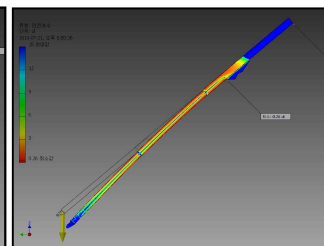
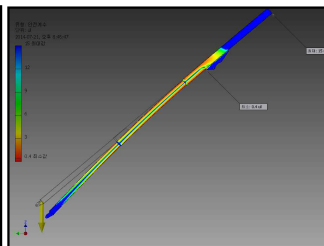
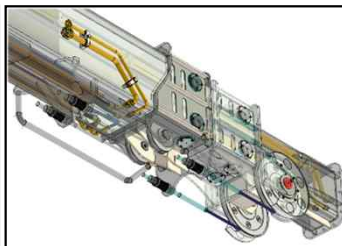
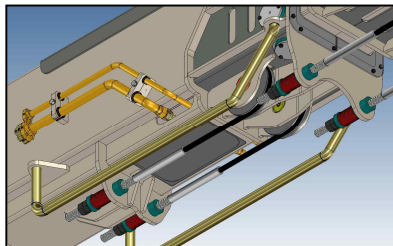
Product Guide

POWERTRAC Co.,Ltd
Ace supplier for excavator parts in Korea

Clamshell & Telescopic Arms

Clamshell & Telescopic Arms are available to meet customers needs when digging pits for water supply and sewage, and excavating building and steel tower foundations, underwater logging equipment.

There is a sliding-cab-mounted type for greater safety and productivity.



Clamshell & Telescopic Arms



Model	Digging Depth	Vertical wall Radius	Working Radius	Dumping Height	Permission Vertical Angle	Working Pressure	Working Pull Force	Max Pull Force	Weight	Push/Pull Speed	Clamshell Bucket	Equipment
Unit	Ft [m]	Ft [m]	Ft [m]	Ft [m]	°C	Psi [bar]	Lb [ton]	Lb [ton]	lb [ton]	Sec	Yd³ [m³]	ton
ST2066	66 [20]	26 [7.8]	35 [10.6]	22 [6.6]	± 10	3,625 [250]	6,614 [3]	11,023 [5]	8,378 [3,8]	20-15	1.05 [0.8]	20~25
ST2982	82 [25]	27 [8.3]	39 [11.8]	22 [6.6]			7,716 [3.5]	12,125 [5.5]	11,904 [5,4]	20-15	1.31 [1.0]	25~35
ST3072	72 [22]	23 [7.1]	34 [10.5]	32 [9.8]			14,330 [6.5]	24,251 [11]	17,637 [8]	30-15	1.31 [1.0]	30~40
ST4082	82 [25]	31 [9.5]	43 [13.2]	22 [6.83]			24,250 [11]	37,479 [17]	20,944 [9.5]	30-15	2.62 [2.0]	40~50

Top Drive Type Drill Rig



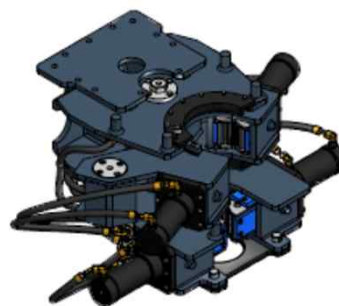
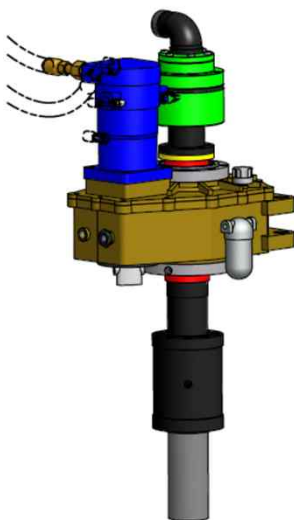
PowerHead

■ Features

- Two Speed Power Head
- Strong and compact helical gears
- Separate Water Swivel easy maintenance
- Separate Float Cushion Sub
- Lubrication/ Cooling System with Washable Lubrication Straine

■ Specifi cation

- Max Torque/ Speed
3500psi [345bar] o
40GPM [151LPM]
- Eaton VIS series
Two Speed Motor,
325cc/ rev



Double Clamp

■ Features

- Field replaceable jaws
- Field replaceable guide bushings

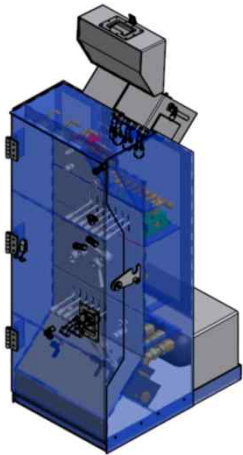
■ Specifi cation

- Clamping Range : $\varnothing 2 \sim 8$ inch
- Clamping Force : 20,000 LB
- Rotation Angle : 21 degree

■ Failsafe

- Automated Hydraulic System using two rotary valves only
- Lower Clamp Cylinder automatically closes when no hydraulic pressure





PowerHead

- Pressure Gauge : Hydraulic Pump, Mud Pump, Set Up/ Aux Drilling, Feed Cylinder, Rotation
- Feed Valve : Control Feed Cylinder Speed and Pullback/ Pulldown pressure
- Set Up : Individual Outrigger Cylinders [4] : Mast Tilting and Sliding : Rod Rack Tilting
- Main Selector : Select among Travel / Set Up / Drilling / Trip mode
- Aux Drilling : Hydraulic Winch, Powerhead Shift, Rod Wrench Cylinder,
- Rod Rack Sliding [Optional], Spare Valve Section for additional functions
- Main Drilling : Power Head Rotation and Feed
- Travel Control : Independent left & right track
- Travel Two Speed : High/ Low
- Mud Pump
- Mud Mixer Control [Optional]



Hydraulic Pump

- Main Pump : Kawasaki Piston Pump, K3V112+45cc/ rev
- Auxiliary Pump : Eaton Piston Pump, Pressure-Compensated
- Load-Sensing Control

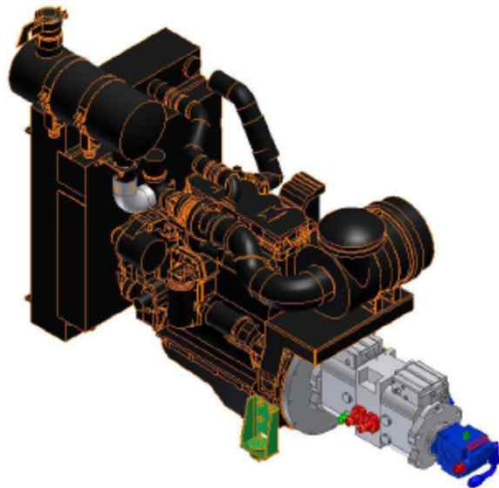
Engine Unit [Cummins QSB4.5 Tier III

■ Features

- Aspiration : Turbocharged and Charge Air Cooled
- Fuel System : Bosch Electronic
- Emission Certification : U.S. EPA Tier 3, EU Stage III

■ Specification

- Approximate Engine Weight (dry) : 1270 LB
- Horsepower : 130 BHP [97kW] @2,200 RPM
- Peak Torque : 459 lb-ft [622Nm] @1,500 RPM
- Fuel Consumption : 0.347 lb/ hp-hr @1,200 RPM
: 0.403 lb/ hp-hr @2,200 RPM
- Displacement : 275 cu in



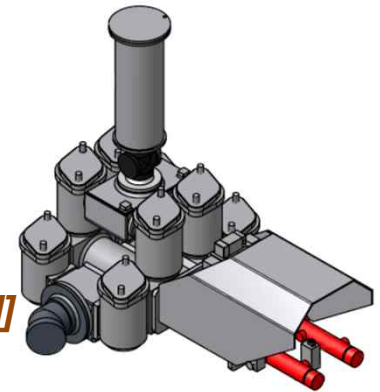
Hydraulic Mud Pump [Optional]

■ Features

- Fully hydraulic signaled and powered - No mechanical contacts
- Rugged fabricated steel plate construction
- All wear parts on fluid end to use industrial standard
- Pressurised damper reduce pulsation
- Eliminate extra accessories : Hydraulically controlled : Hydraulic pressure to be monitored

■ Specification [Fluid end]

- Flow Rate : 140 GPM [530 lpm] max.
- Max Pressure : 680 psi
- Light weight : 980 lb



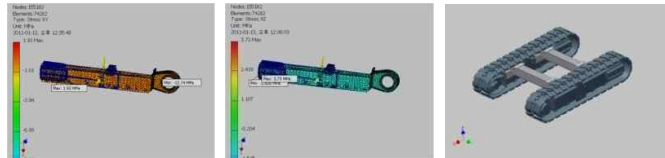
Undercarriage

■ Features

- Self Propelled Crawler Type
- Bolt on upper unit
- Rubber Track
- Steel Shoe with Rubber Pad [Optional]

■ Specification

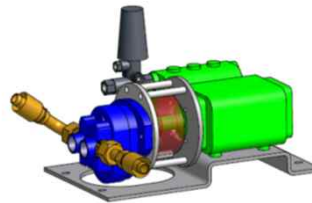
- Ground Speed [High/ Low] : 2.4/ 1.3 MPH
- Ground Clearance : 12.4 INCH
- Gradeability : 15 degree on Pavement/ 20 degree on Soft Ground



Water Pump

■ Features

- 1.16in³/ rev Piston pump (EATON)
- Max Torque/ Speed : 3000psi [210bar] or 11GPM [41.6LPM]
- 110kgf/ cm²



Floating Cushion Sub

■ Features

- Decrease rod thread damage
- Decrease damage to bearings and gear box components
- Urethane Spring

■ Specification

- API 2-3/8 IF
- Spline up to 5,000 ft-lb torque
- Pull back up to 45,000 lb
- 2-1/4" float stroke



Hydraulic Fitting

■ Features

- ORB(O-ring Boss) & ORFS(O-Ring Face Seal) Adapter



Mast

■ Features

- Box frame using high strength steel (Tensile 760MPa, Yield 700MPa)
- Welding condition AWS D1-1
- V-Profil e power head sliding mechanism
- Dual leaf chain with safety wire rope or telescopic cylinder type
- Double Clamp(HI-ROK™) equipped on Mast for angle drilling job
- Equipped with 3,000lb winch

■ Specification

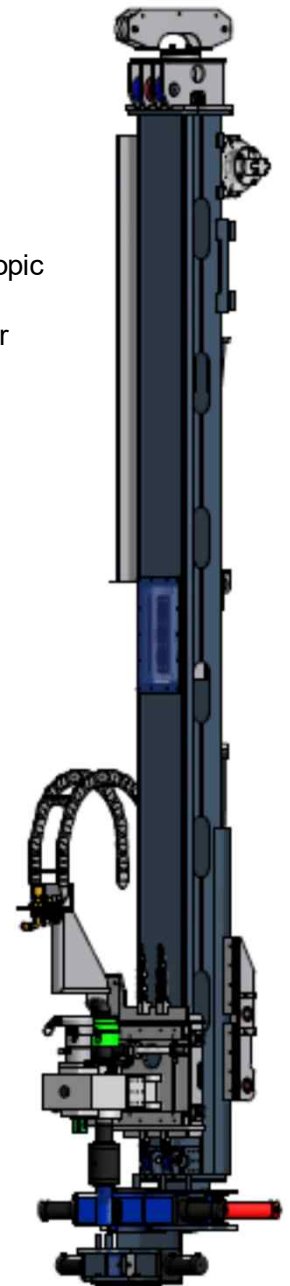
- Power head stroke 1.4 feet
- Power head side shift to give 8" clearance
- Mast sliding stroke : 30"
- Pull back : 20,000 lb / Pull down : 11,000 lb

Water Swivel

■ Features

- Equipped with Chevron V-Type packing
- Hardened and Ground wash pipe
- Bolt-on Flange to Top Drive Gear Box prevents thread damage
- Separate Elbow fitting to reduce repair cost
- Two greasing points

■ Specification - 2 inch

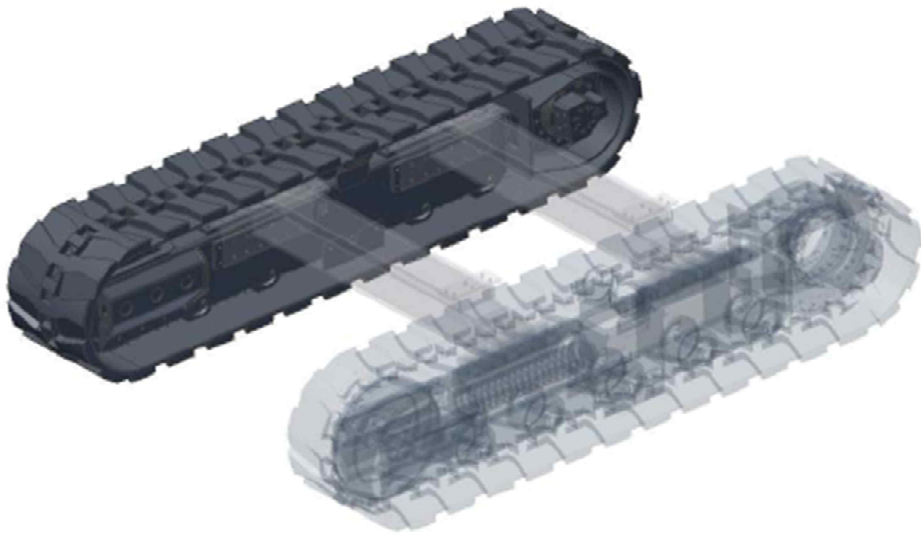


Specification

Model		ESSOS-50	ESSOS-55	ESSOS-60	
Dimensions	Working Height	24 ft 3 inch [7.4m]	26 ft [8.0m]	36ft [11 m]	
	Shipping Width	6 ft 9 inch [2.0m]	8.2 ft [2.5m]	6.5 ft [2.0m]	
	Shipping Height	8 ft 3 inch [2.5m]	8.2 ft [2.5m]	8.2 ft [2.5m]	
	Shipping Weight	15,430 lb [7 ton]	17,640 lb [8 ton]	18,740 lb [8.5ton]	
Engine	Model	QSB4.5-P [CUMMINS]			
	Max. Torque	130 hp/ 2,200 rpm (97kw/ 2,200 rpm)			
	Emission	U.S EPA TierIII m EU Stage III			
	Cooling System	Air Cooling			
	Noise Emissions	Average 96.2 dBa			
	Integrated Control Safety Panel	24 volts			
	Fuel Consumption	2.67 gal/ hr [11.2ℓ / hr]			
Power Head	Type		Two Speed Top Head Rotation		
	RPM	80 cc/ rev, Single Pump	28 ~ 57		
		80+80 cc/ rev, Double Pump	58 ~ 116		
	Torque	1st	Max. 2,600 ft-lb	5,520 ft-lb [7,480 Nm]	
		2nd	1,300 ft-lb	2,400 ft-lb [3,250 Nm]	
Mast	Type	Variable Speed Hydraulic Cylinder			
	Travel Stroke	15 ft [4.5 m]		18 ft [5.5 m]	
	Pull-back Capacity	22,000 lb [10ton]	35,270 [16 ton]		
	Pull-down Capacity	11,000 lb [5 ton]	17,637 [8 ton]		
	Head side shift	15"			
	Mast Sliding	3 ft [0.9 m]		4 ft [1.2 m]	
Rod Rack	Type	Hydraulic Lift, Counterbalance Valve Integrated			
	Capacity	2.8" X10 ft (74 mm X3m) X40 ea			
Drill Pipe & Casing	Drill Pipe	Max. Length	11' 4" [3.5 m]		14.7 ft [4.5 m]
		Max. Diameter	3.5" [Ø89mm]		4.5" [Ø115 mm]
	Casing	Max. Length	11' 4 [3.5m]	13 ft [4 m]	20ft [6 m]
		Max. Diamete	5" [Ø127mm]	8" [Ø200 mm]	
Pulling Clearance		14' 6" [4.5m]	25 ft [7.5 m]	30 ft [9 m]	

Hydraulic Components	Main Pump		Piston PumpK5V63DT		Piston PumpK5V80DT
	Auxiliary Pump		Piston Pump [EATON]		
	Hydraulic Oil Cooler		DC12V 25amps 300psi [Thermal Transfer Products]		
	Filtration System		5 microm		
	Hose Fitting		ORB & ORFS [PATKER]		
Outrigger	Type		Hydraulic Cylinder, Pilot Operating Check Valve		
	Position		2 Front & 2 Rear		
Winch	Spool Capacity		[30 m, Ø6mm]		
	Line Pull		2210 lb [1 ton]		
Mud Pump [Option]	Type		Double Piston		
	Model		YMP3 - 400	YMP300	
	Capacity		125 gpm [500 lpm]	70 gpm [280 lpm]	
	Max. Pressure		500 psi [35bar]	1,000psi [70 bar]	
Hydraulic Holder			Double Piston Type		
Hydraulic Drifter	Max Torque/ speed	LSHT	3,350 lb-ft 151RPM [4,540 Nm 151RPM]		
		HSLT	2,233 lb-ft 227RPM [3,030Nm 227RPM]		
	Flow Rate (Max.)		[55~151 lpm]		
	Working Pressure		3,000 psi [210bar]		
Clamp	Type		Hydraulic Double Clamp		
	Clamping Range		Φ2~8 inch [Ø50~200 mm]		
	Clamping Force		20,000lb [9,060 kg]		
	Rotation Angle		21 Degree		
Auto Oiler	Type		Positive Air Pressure		
	Oil Tank Capacity		8 gallon [30 liter]		
	Safety V/ V Pressure		350 psi [24 bar]		
Water Injection	Type		Driven Dual Piston Type		
	Pump Specification		1.16 in³/ rev (EATON)		
	Max. Torque		3,000 psi [207 bar]		
	Oil Tank Capacity		4 gpm [15.1 lpm]		
Drilling Capacity			8" X500 ft [150 m]	8" X840 ft [250 m]	8" x 1000 ft [300m]
Oil Tank Capacity			50 gallon [165 liter]		
Fuel Tank Capacity			55 gallon [230 liter]		

Undercarriage System



Sprockets are forged and induction-hardened for maximum strength and long wear life.

Track shoes are through-hardened for maximum life.

Pins and bushings are precision-machined, induction-hardened, and sealed from abrasives.

Track links are forged from a special boron-steel alloy and deepinduction-hardened.

Front idlers are induction-hardened on the tread for a long life.

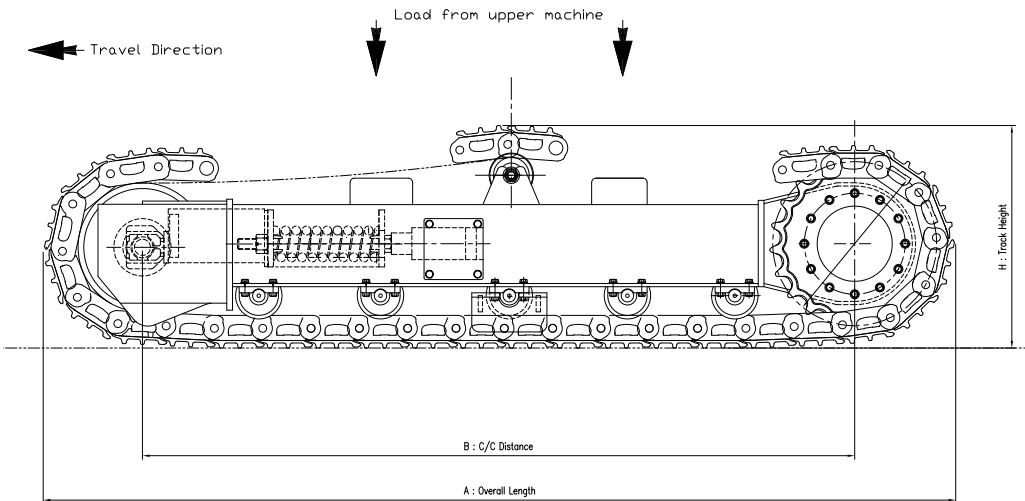
Carrier rollers are induction-hardened.

Track frames provide a solid working frame.

Track rollers are forged from a boron-steel alloy and then through-hardened or induction-hardened for long life.



Undercarriage System



[Option]

- Custom Stabilizers and Mounting Frame to Customers Specifications.
- Steel Track Link/Shoe with Removable Rubber Pads or Rubber Track



Model	Overall Length	Tumbler Distance	Track Height	Track Shoe Width	Sprocket Pitch Diameter	Number of Track Link	Number of Carrier Roller	Number of Track Roller	Carriage Weight	Excavator / Dumper	Drill Rig With Outrigger	Fianl Drive	Speed
Unit	In [mm]	In [mm]	In [mm]	In [mm]	In [mm]	Pcs	Pcs	Pcs	Lb [kg]	Lb [kg]	Lb [kg]		Km/hr
UC50	98.3 [2,497]	78.3 [1,990]	24.4 [620]	15.7 [400]	18 [458]	40	1	5	3,042 [1,380]	12,125 [5,500]	19,400 [8,800]	TM055	2.1/3.8
UC80	109 [2,775]	84 [2,130]	26 [660]	17.7 [450]	20.6 [522]	38	1	5	4,079 [1,850]	16,535 [7,500]	26,455 [12,000]	TM075	2.4/3.9
UC130	147.8 [3,755]	119.4 [3,034]	28.7 [728]	24 [610]	23 [582]	40	1	7	4,630 [2,100]	29,762 [13,500]	47,620 [21,600]	TM725	3.4/5.3

Undercarriage System

FINAL DRIVE

[TM055]

PROPERTIES		INCH		METRIC	
Gear Box	Gear Ratio	-	53	-	53
	Output Torque	lbf.ft	5,618 3,037	kgf.m	777 420
	Output Speed	RPM	24 44	RPM	← ←
Hydraulic Motor	Displacement	cc/rev	2.6 1.4	cc/rev	43.3 23.4
	Cont. Pressure	psi	2,987	kgf/m ²	210
	Flow	GPM	14.5	LPM	55
	2 Speed Control P. (Min)	psi	284	kgf/cm ²	20
	2 Speed Control P. (Max)	psi	996	kgf/cm ²	70
	Brake Relief P.	psi	128	kgf/cm ²	9
System Pressure		psi	2,987	kgf/cm ²	210

PORT	INCH [BSPP]	DASH SIZE	REMARK
P1/P2	1/2-14	8	Pressure
T	3/8-19	6	Drain
Ps	1/4-19	4	Two Speed

[TM075]

PROPERTIES		INCH		METRIC	
Gear Box	Gear Ratio	-	53.7	-	53.7
	Output Torque	lbf.ft	8,662 5,097	kgf.m	1,198 705
	Output Speed	RPM	33 56	RPM	← ←
Hydraulic Motor	Displacement	cc/rev	2.8 1.7	cc/rev	46.6 27.5
	Cont. Pressure	psi	2,845	kgf/m ²	200
	Flow	GPM	21.6	LPM	82
	2 Speed Control P. (Min)	psi	284	kgf/cm ²	20
	2 Speed Control P. (Max)	psi	996	kgf/cm ²	70
	Brake Relief P.	psi	128	kgf/cm ²	9
System Pressure		psi	2,845	kgf/cm ²	200

PORT	INCH [BSPP]	DASH SIZE	REMARK
P1/P2	1/2-14	8	Pressure
T	3/8-19	6	Drain
Ps	1/4-19	4	Two Speed

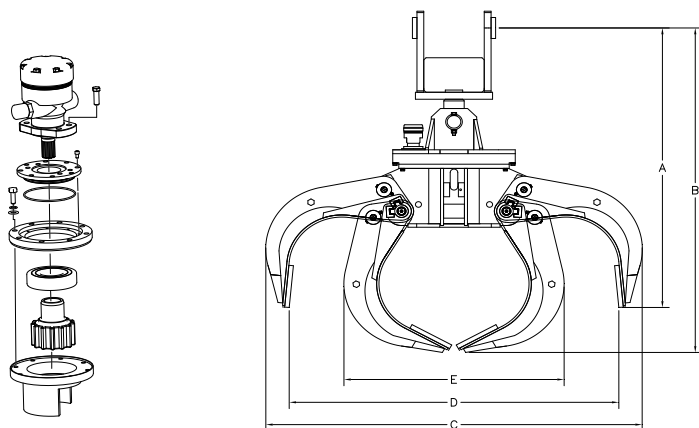
[TM135]

PROPERTIES		INCH		METRIC	
Gear Box	Gear Ratio	-	53	-	53
	Output Torque	lbf.ft	13,347 8,257	kgf.m	1,846 1,142
	Output Speed	RPM	31 48	RPM	← ←
Hydraulic Motor	Displacement	cc/rev	4.6 2.9	cc/rev	76.1 48.2
	Cont. Pressure	psi	4,694	kgf/m ²	330
	Speed	RPM	1,661 2,569	LPM	1,661 2,569
	Flow	GPM	23.8	LPM	90
	2 Speed Control P. (Min)	psi	284	kgf/cm ²	20
	2 Speed Control P. (Max)	psi	996	kgf/cm ²	70
	Brake Relief P.	psi	135	kgf/cm ²	9.5
	System Pressure	psi	4,694	kgf/cm ²	330

PORT	INCH [BSPP]	DASH SIZE	REMARK
P1/P2	3/4-14	12	Pressure
T	1/2-19	8	Drain
Ps	1/4-19	4	Two Speed

Scrap Grapple

- High Tensile Steel Structure
- Anti-wear Teeth, Hardness **HV930**
- Induction Hardened Pins
- Guards for Cylinder and Motor
- 360 Degree Continuous Power Rotation
- Internal Ring Gear Drive
- Heavy Duty Cylinder and Rotation Motor

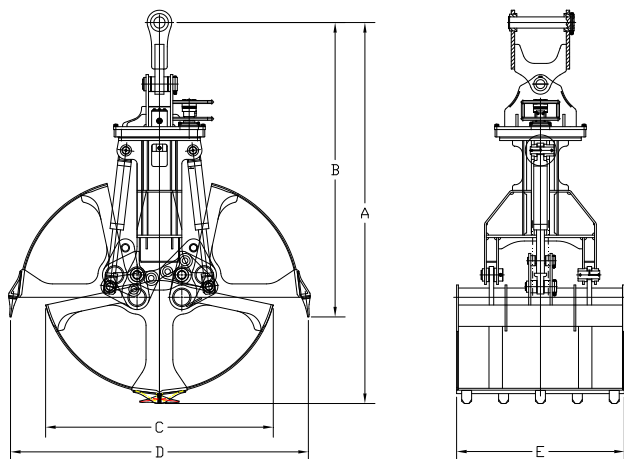


Description		Unit	1.3YD ³ (1.0 m ³)	1.0YD ³ (0.8 m ³)
Number of Tines		Pcs	5	4
Volume		YD ³ (m ³)	1.3 (1.0)	1.0 (0.8)
Open & Closed	Flow Range	Gpm(Lpm)	34 (129)	29 (110)
	Pressure Range	Psi(Bar)	3,480~5,075 (240-350)	3,480~5,075 (240~350)
	Relief Pressure	Psi(bar)	2,465 (170)	2,465 (170)
	Open Closed Cycle	Sec	7	7
Rotator	Flow Range	Gpm(Lpm)	10 (38)	9 (34)
	Max Pressure	Psi(Bar)	5,075 (350)	5,075 (350)
	Speed	Rpm	25	22
A		In(mm)	78 (1,999)	
B		In(mm)	91 (2,321)	
C		In(mm)	98 (2,490)	
D		In(mm)	86 (2,180)	
E		In(mm)	57 (1,458)	
Weight		lb(kg)	3,980 (1,802)	3,400 (1,540)



Wood Grapple

- High Tensile Steel Structure
- Anti-wear Teeth, Hardness **HV930**
- Induction Hardened Pins
- Guards for Cylinder and Motor
- 360 Degree Continuous Power Rotation
- Internal Ring Gear Drive
- Heavy Duty Cylinder and Rotation Motor



Description		Unit	1.3YD ³ (1.0 m ³)	1.0YD ³ (2.0 m ³)
Volume		YD ³ (m ³)	1.25 (1.0)	2.6 (2.0)
Open & Closed	Flow Range	Gpm(Lpm)	8 (30)	42 (159)
	Pressure Range	Psi(Bar)	2,000~3,000 (138~207)	2,500~4,500 (172~310)
	Open Closed Cycle	Sec	5	7
	Relief Pressure	Psi(Bar)	913 (63)	1,450 (100)
Rotator	Flow Range	Gpm(Lpm)	8 (30)	8 (30)
	Max Pressure	Psi(Bar)	4,000 (276)	5,075 (350)
	Speed	Rpm	30	20
A		In(mm)		134 (3,402)
B		In(mm)		104 (2,629)
C		In(mm)		80 (2,036)
D		In(mm)		105 (2,664)
E		In(mm)		29 (1,500)
Weight		lb(kg)		4,856 (2,270)



Parallel ed Rear Mount Clower Dozer Rippers

Parallel Rear Mount Ripper for

Track dozers are designed around each machine and application.
A dual counterbalance valve is installed to prevent drifting.
Shanks feature pin style adjustment for setting rip depth.
Heavy duty cylinder provide superior power and long life.
Multi-shank models are available in either a three or five pocket design





Specification

Description	Unit	YDR30	YDR40	YDR50	YDR70	YDR80	YDR90
Machine	HP	60-75	75-85	85-100	105-125	130-155	160-210
Weight	Lb[kg]	2,163 [980]			3,183 [1,442]	3,725 [1,687]	4,480 [2,029]
Max.Ripping Depth	In[mm]	20 [508]			22.2 [564]	27 [686]	28.5 [724]
Max. Clearance Under Tip	In[mm]	20 [508]			23 [584]	24 [610]	27 [686]
Overall Length (Lower Position)	In[mm]	57 [1,448]			58.8 [1,494]	66.5 [1,689]	64 [1,626]
Overall Length (Raised Position)	In[mm]	40 [1,016]			47.6 [1,209]	57 [1,448]	60[1,524]
Overall Width	In[mm]	72 [1,829]			76 [1,930]	84 [2,134]	94.5 [2,400]
Slope Angle	Deg	40 [1,016]			26 [660]	22 [559]	24 [610]
Ripping Width	In[mm]	66 [1,676]			65.9 [1,674]	74 [1,880]	84.5 [2,146]
Distance Between Shanks	In[mm]	32 [813]			31.7 [805]	35.6 [904]	41 [1,041]
Shank	In[mm]	3.1 [79]			4.1[104]		
Operating Cylinder	In[mm]	4.x14 [102x356]	4.5 x 14 [115x356]		5x17 [127x432]	5.5x12 [140x305]	
Equipment		Case550H John Deere450 CAT D3K XL	Komatsu D31EX-22 John Deere 550 Case 750L CAT D4K XL	Komatsu D37EX-22 John Deere 650 Case 850L WT CAT D5K XL	Komatsu D39EX-22 John Deere 700 Case 1150L WT CAT D6K XL	Komatsu D51EX-22 D61EX-15 John Deere 750 CAT D6N WT	Komatsu D65EX-15 John Deere 850 Case 1850K CAT D6T

Compactor & Thumb



Excavator Buckets

Engineered to provide optimum performance in all digging operations.

All wear components constructed from quenched and tempered 400 Brinell steel to give a longer operating life.

Our quick coupler lugging is made from tough high tensile steel to take the abuse that a demanding work site dishes out.

YB excavator buckets are guaranteed to give maximum performance and service for the digging application they were designed for. On the following pages is a guide to help you match the right bucket for your application

Recommended Digging Applications

Heavy Duty & Deep Heel Buckets - Moderate digging conditions in a compact and abrasive material.

Moderate breakout force is required for bucket penetration.

(Moderate impact/stress/abrasion application)

Heavy Duty Extreme & Deep Heel Extreme Buckets - Heavy digging conditions in a harder more compact, abrasive material.

High breakout forces are required for bucket penetration.

(High impact/stress/abrasion application)

Rock Bucket – Extreme digging conditions in very compact and highly abrasive material.

Extreme breakout forces are required for bucket penetration.

(Extreme impact/stress/abrasion application)



Excavator Buckets

Machine Classifications

HE100 (20,000 - 25,000 lbs.)

Case 680L, 780D... Cat 446B... Ford 755B... JCB JS70... John Deere 710D, 290D... Kobelco SK100LC... Komatsu PC90, PC95-1, PC95-2, PC95R-2... Liebherr R308... New Holland Volvo EC90, EC110... Schaeff HR41

HE120 (25,000 - 32,000 lbs.)

Case 9010B, CX130... Cat E110B, E120B, 204, 206, 311B, 312BL, 312C... Daewoo 130LC-V, DH130, DH130LC... Fiatallis FX130... Gehl GE1202... Halla HE130LC... Hitachi EX100, EX110, EX120... Hyundai R130LC-3... JCB JS130...

John Deere 110, 120, 490... Kobelco SK120LC, 115SRDZ, SK130LC-4, 135SRLC... Komatsu PC100-6, PC120-6, PC130, R310B... Liebherr A312, A914, R310B, R312, R914... Linkbelt 2650Q, 130LX... Mustang ME12002...

New Holland EC130LC... Samsung SE130LC-3... Volvo EC140

HE150 (32,000 - 40,000 lbs.)

Case 9020B, CX160... Cat 211, 213B, 214B, 315BL, 315C, 317, 318BL, M315... Daewoo 170-3, DH170... Fiatallis FX150... Hitachi EX150LC, EX160LC... Hyundai R160LC-3... JCB JS160... John Deere 590D, 595D, 160LC...

Kobelco ED180, SK150LC-4, SK160LC-4... Komatsu PC128US-2, PC150LC-6, PW170... Liebherr R312, R900B... Linkbelt 2700Q, 160LX... New Holland EC160... Volvo EC150

HE200 (40,000 - 48,000 lbs.)

Case 9030B, CX210... Cat 215D, 224B, EL200B, 320CL, M318, M320... Daewoo DH180LC, DH200, 220LC-V... Fiatallis FX210... Halla 220LC, HE200W... Hitachi EX200LC, EX210-5... Hyundai R180LC-3, R200LC, R210LC-3... JCB JS200,

JS220... John Deere 690E, 200LC... Kobelco SK200LC-4, 235SRLC, SK210LC... Komatsu PC200LC-6, PC210LC-6, PC228US-2... Liebherr R900B, R902, R904, R912, R914... Linkbelt 2800Q, 210LX... New Holland EC215...

Samsung SE210LC-3... Volvo EC210, EC215

HE220 (48,000 - 56,000 lbs.)

Case 9040B, CX240... Cat 225D, EL240B, 322BL... Daewoo S250LC... Fiatallis FX220... Hitachi EX220, 230LC... Hyundai 250LC-3... JCB JS260... John Deere 790E, 230LC... Kobelco SK220LC-4, 235SRLC... Komatsu PC220LC-6, PC250... ..

Liebherr R914, R922, R924... Linkbelt 3400Q, 240LX... New Holland EC240 Samsung SE240LC-3... Volvo EC240

HE270 (56,000 - 65,000 lbs.)

Case 9045B... Cat 325BL... Daewoo 280LC, 290LC-V... Fiatallis FX250... Halla 270LC... Hitachi EX270LC... Hyundai 280, 290LC-3... John Deere 792D, 270LC... Kobelco SK250LC, SK270LC-4, SK290LC... Komatsu PC270LC-6...

Liebherr A932, R934... Linkbelt 3900Q, 280LX... Madill 2800... New Holland EC270... Samsung SE280LC-3... Volvo EC290

HE300 (65,000 - 75,000 lbs.)

Case 9050B... Cat EL300, 330BL... Daewoo 320, 330LC-V... Fiatallis FX310... Halla 360LCH... Hitachi EX300, EX330LC, EX370... Hyundai R320LC-3, R360LC-3... JCB JS330... John Deere 892E, 330LC, 370... Kobelco SK300LC-4, SK330LC...

Komatsu PC300LC-6, PC300HD-6, PC350-6... Liebherr R942, R944... Linkbelt 4300Q, 300LX, 330LX... Madill 3800... New Holland EC350, EC400... Samsung 350LC-2... Volvo EC360

HE400 (90,000 -110,000 lbs.)

Case 9060B... Cat 235C, 235D, 345BL, 345BMH, 350L... Daewoo 400LC-V, 450LC-III... Halla HE450LCH... Hitachi EX400, EX450LC... Hyundai R450LC-3... JCB JS450, JS460... John Deere 992E, 450LC... Kobelco SK400LC-4, SK480LC... B...

Komatsu PC400LC-6, PC400HD-6, PC460LC-6... Liebherr R954 Linkbelt 5800Q... New Holland EC450, EC500... Samsung SE450LC-2... Volvo EC460

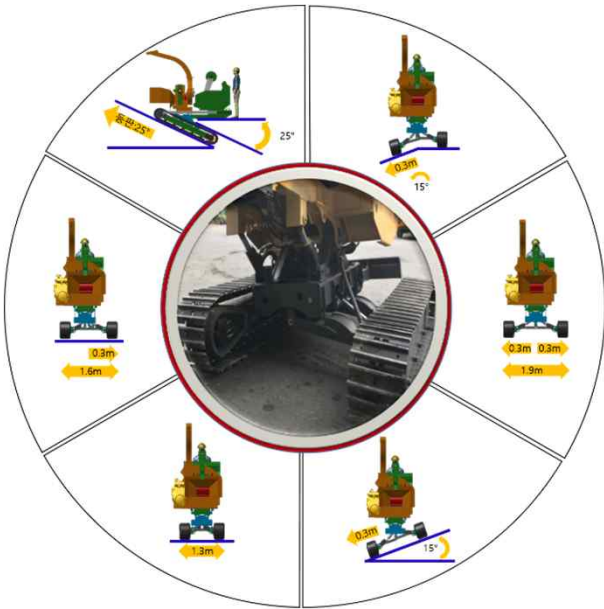
Heavy Duty Digging Bucket & Cleanup Bucket Capacities & Weights

Unit	E100			E120			E150			E200			E220			E250			E300			E400		
	YDS	m³	kg	YDS	m³	kg	YDS	m³	kg	YDS	m³	kg	YDS	m³	kg	YDS	m³	kg	YDS	m³	kg	YDS	m³	kg
18"	0.27	0.21	338	0.29	0.22	379	0.31	0.24	399	0.36	0.28	589	–		–	–		–	–		–		–	–
24"	0.41	0.31	381	0.44	0.34	426	0.47	0.36	445	0.55	0.42	662	0.57	0.44	694	0.60	0.46	705	–		–	–		–
30"	0.55	0.42	438	0.59	0.45	490	0.63	0.48	510	0.75	0.57	760	0.78	0.60	792	0.82	0.63	805	0.91	0.70	1,238	–		–
36"	0.70	0.54	481	0.76	0.58	540	0.81	0.62	560	0.95	0.73	839	0.99	0.76	873	1.05	0.80	891	1.17	0.89	1,365	1.39	1.06	1,573
42"	0.85	0.65	528	0.92	0.70	590	0.98	0.75	610	1.16	0.89	921	1.22	0.93	959	1.29	0.99	977	1.43	1.09	1,495	1.70	1.30	1,715
48"	1.01	0.77	521	1.08	0.83	592	1.16	0.89	594	–		–	1.44	1.10	1,057	1.52	1.16	1,077	1.70	1.30	1,749	2.03	1.55	1,910
54"	1.16	0.89	567	1.25	0.96	644	1.34	1.02	651	1.59	1.22	1,084	–		–	–		–	1.98	1.51	1,785	2.36	1.80	2,087
56"	1.24	0.95	583	1.30	0.99	662	1.39	1.06	667	1.66	1.27	1,120	–		–	–		–	–		–	–		–
60"	–		–	1.41	1.08	696	1.51	1.15	703	1.80	1.38	1,195	1.89	1.45	1,129	2.00	1.53	1,154	2.25	1.72	1,642	–		–
66"	–		–	–		–	1.69	1.29	753	2.01	1.54	1,253	2.12	1.62	1,211	2.24	1.71	1,236	2.53	1.93	1,760	3.02	2.31	2,030
68"	–		–	–		–	1.82	1.39	769	2.13	1.63	1,290	2.27	1.74	1,238	2.39	1.83	1,266	2.62	2.00	1,798	3.19	2.44	2,073
72"	–		–	–		–	–		–	–		–	2.34	1.79	1,293	2.48	1.90	1,318	2.80	2.14	1,878	3.35	2.56	2,157
78"	–		–	–		–	–		–	–		–	–		–	–		–	–		–	3.68	2.81	2,343
84"	–		–	–		–	–		–	–		–	–		–	–		–	–		–	4.01	3.07	2,470

Manual/ Auto Coupler

- Available for machine classes from 6 to 75 metric ton machines
- Increases excavator productivity with fast changeovers between different attachments
- Jam-free operation
- Provides maximum contact on attachment pins reducing wear areas on both coupler and attachment
- Self-adjusting for wear
- Quickly interchange between any standard factory buckets and attachments
- Hydraulic installation kit includes one set of pins and installation instructions





KOREA Government Supply Equipment

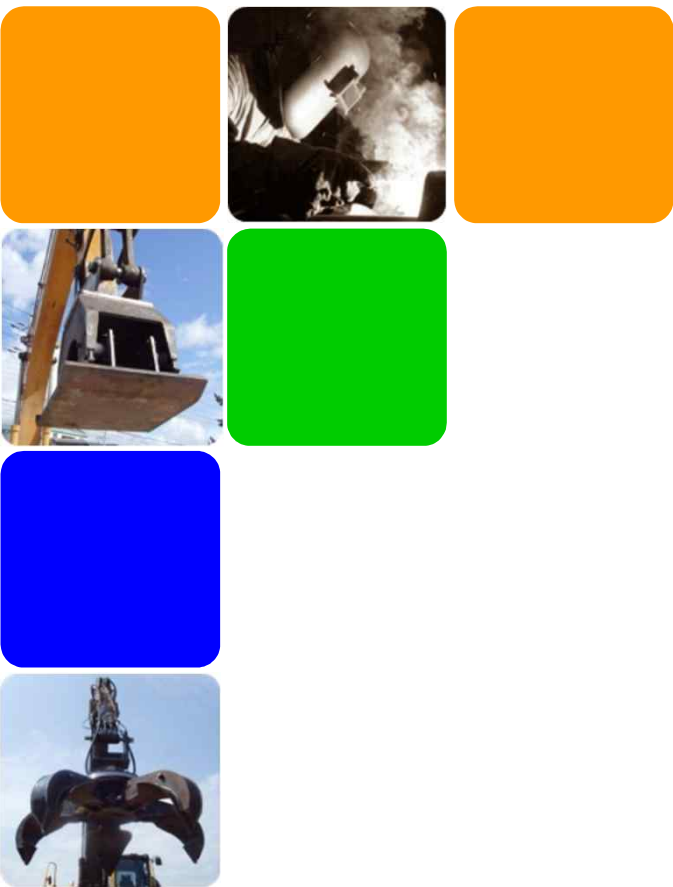


Cargo Handling Bucket



- Project Name Orange Peel Grab Bucket
- Capacity 12~20m³
- Scope Drawing, Fabrication, Assembly
- Customer HANJIN, OSHIMA, SANOFYASU, NK
[280 Set Supplied in Total](#)





Excavator Attachments

Couplers

Hydraulic Pin Grabber
Wedge Coupler (Manual and Hydraulic)
Compactor Hammer Adapter

Buckets

Heavy Duty Digging (HDD)
Road Builder
Cleanup

Grapple

Orange Peel Scrap Grapple
Clamshell Bucket
4-Rope Type Clamshell Bucket
Wood Grapple

Thumb

Machnical Thumb
Direct Link Hydraulic Thumb
Progressive Link Hydraulic Thumb
Clearing Rakes

Telescopic Arm
CatWalks
Plate Compactor
Bulk Handling System
Pedestal Boom

Crawler Dozer Attachment

Parallelogram Ripper

5 Pocket Ripper

Winch Frame

Hydraulic Winch

Equipment

Under Water Drill Rig

Self-Propelled DTH Drill Rig
Truck Mounted Drill Rig
Power Head
Hydraulic Double Clamp

Undercarriage System

Steel Track with Rubber Pad
Rubber Track

POWERTRAC Co.,Ltd
Ace supplier for excavator parts in Korea

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Factory

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