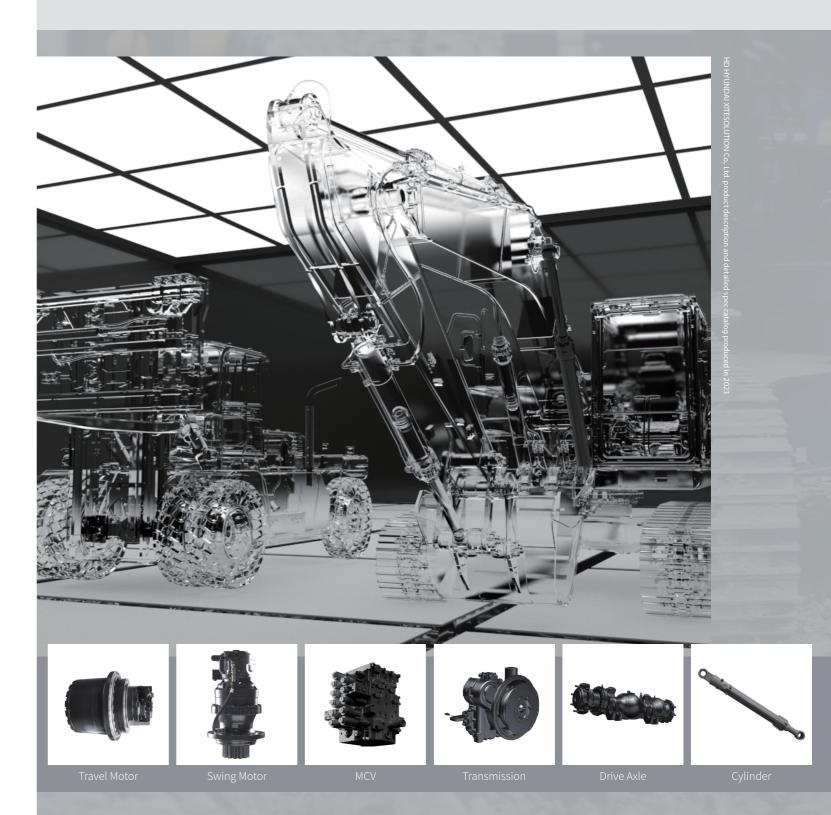


Address 13F, 477 Bundangsuseo-ro, Bundang-gu, Seongnam-si, Gyeonggi-do

http://www.hd-xitesolution.com
HD HYUNDAI XITESOLUTION



PRODUCT CATALOGUE







COMPANY OVERVIEW

HD HYUNDAI XITESOLUTION is HD Hyundai Group's intermediate holding company in the construction machinery sector, with HD Hyundai Construction Equipment and HD Hyundai Infracore as subsidiaries. At HD HYUNDAI XITESOLUTION, we are building our own business area by selling Travel Motor, Swing Motor, MCV, Cylinder, other hydraulic parts and Powertrain parts like as Transmission, Drive Axle.

At HD HYUNDAI XITESOLUTION, we will continue to provide optimized solutions so that HD Hyundai Construction Equipment and HD Hyundai Infracore can create synergy in development, sales, purchasing, and international business. And by growing together with our partners and stakeholders, we will create a blueprint for the future of the construction machinery industry in Korea.

CORPORATE PHILOSOPHY

We will create new value with the "Hyundai spirit". Hyundai founder Chung Ju-yung's philosophy that even the most seemingly impossible tasks can be achieved if one takes on the challenges with an indomitable fighting spirit is the foundation of HD HYUNDAI XITESOLUTION.

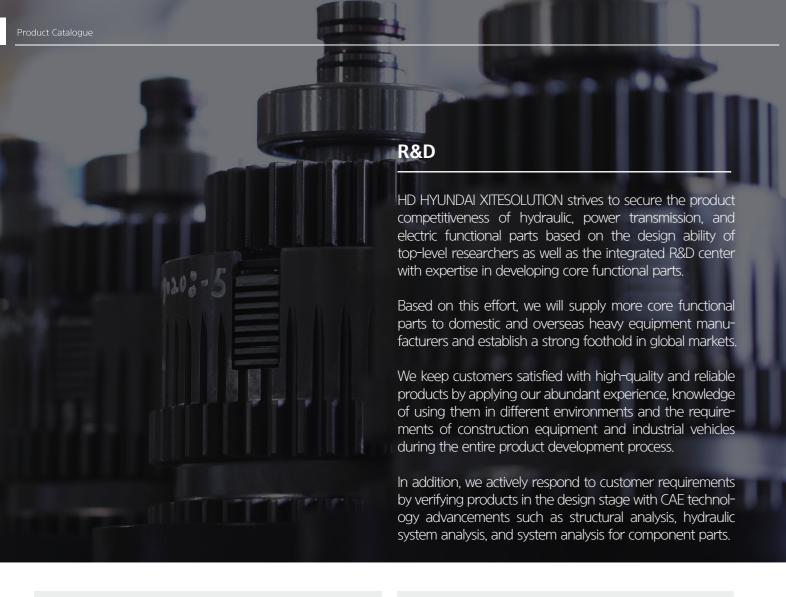


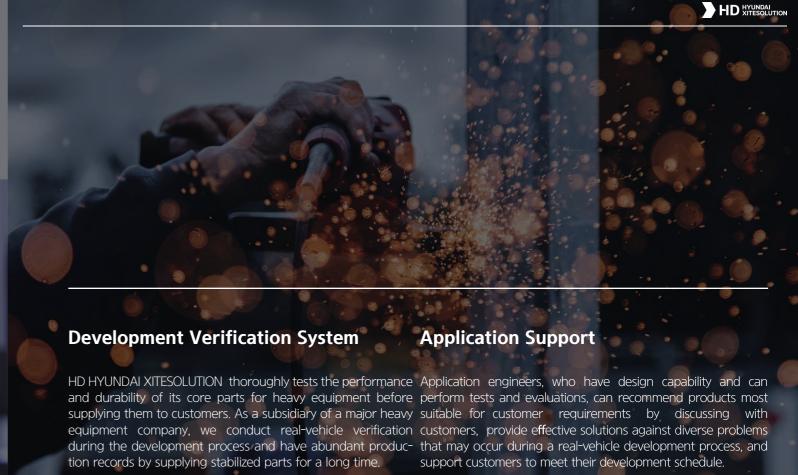
HD HYUNDAI XITESOLUTION will grow into a global Top Tier company that represents Korea's construction machinery industry.

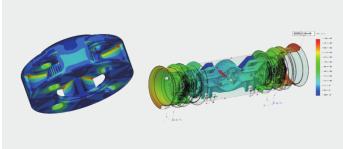




1985	1987			
Launched as the After-Sales Service Part Division for construc tion machinery under Hyundai Heavy Industries	Separated into the construction		01 Innovation to lead	Transform the way we work with creative mindset Shape the future of our industry through innovative and disruptive technology
2007 Established hydraulic MCV plant (Constructed a production plant for (Changzhou, China)	Ulsan, Korea) Or hydraulic cylinders for excavators 2 0 1 0 Started the production of hydraulic motors developed with own technology		02 Challenge without fear	Challenge ourselves relentlessly to create new values Foster a culture of challenging without fear by embrac- ing failure
8	2012 Constructed a production plant for hydraulic motors (Gyeongiu, Korea) Started the production of transmission and drive axles for industrial vehicles	No and	03 Care with respect	Respect diversity and encourage open communication Care for our people's personal and professional growth Make a better world by upholding social responsibility
	2018 Integrated the After-Sales Service Part Division and the Core Functional Part Division 2019.04.01 Founded Hyundai Core Motion	2020 Hyundai Genuine selected as preferred bidder for Doosan Infracore	04 Safety for us and for all	Pursue the highest safety standards for our people and workplace Contribute to the safety of customers, society and humanity with our products and services
	2021.08	2023.04		
1	Hyundai Heavy Industries Group establishes Hyundai Genuine, a special purpose company (SPC) Hyundai Genuine signs a sales transfer agreement for mass production parts with Hyundai Core Motion Hyundai Genuine completes acquisition of Doosan Infracore, Hyundai Genuine officially established as intermediate holding company for the construction equipment sector	Change company name to HD HYUNDAI XITESOLUTION		

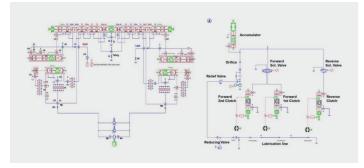






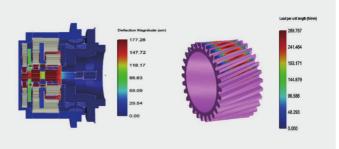
Structural Analysis

Optimize the shape by evaluating the major strength of complex-shaped structures



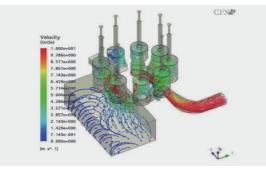
Hydraulic System Analysis

Analyze hydraulic component systems and draw optimized designs



Gearbox System Analysis

Evaluate the strength of gearboxes and draw optimized designs



Flow Analysis

Evaluate the performance and review the design by analyzing the internal flow field properties of rotary parts













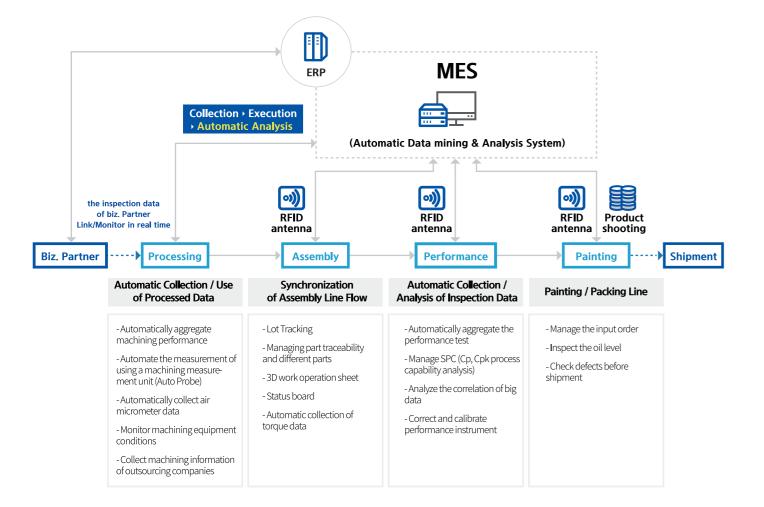
With the latest manufacturing execution system (MES)-based production system, HD HYUNDAI XITESOLUTION aims to produce products most suitable for customers by eliminating waste elements during production and collecting, analyzing, and using integrated field data in real time for quality assurance.

Cutting-Edge Production Technology

HD HYUNDAI XITESOLUTION introduces the latest MES to supply perfect products by eliminating waste elements during production and securing product quality in all stages of production.

We operate an advanced production process by collecting, analyzing, and using field data in real time, allowing us to provide products customized for customers.

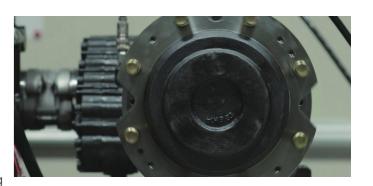




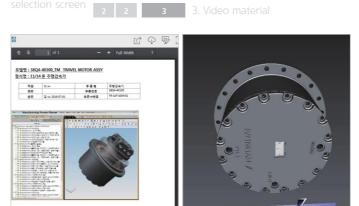
3D Work Operation Sheet

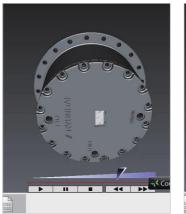
We secure high-quality products through the process based on the assembly standard, expressed as a 3D image.

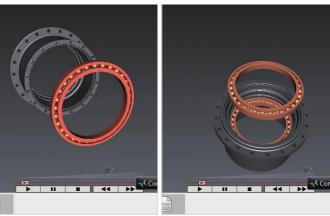
- Visualize the work information through 3D animation
- Produce a product by comparing it with its 3D work operation sheet one by one for customization
- Ensure a high level of worker proficiency by operating a computer training system

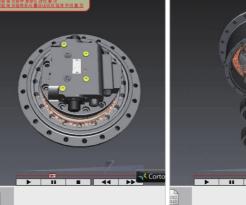




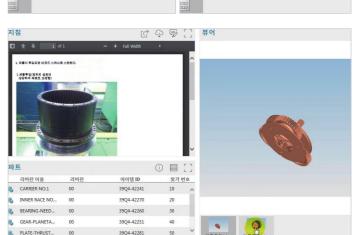


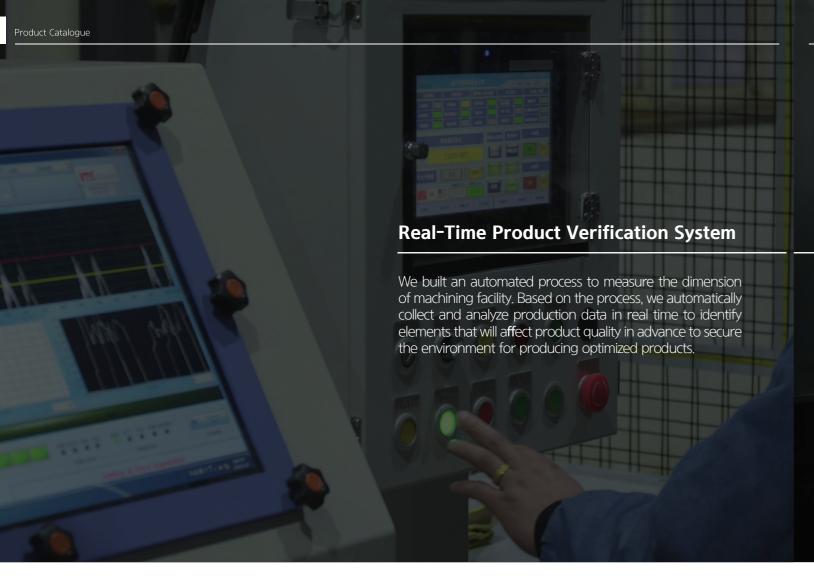




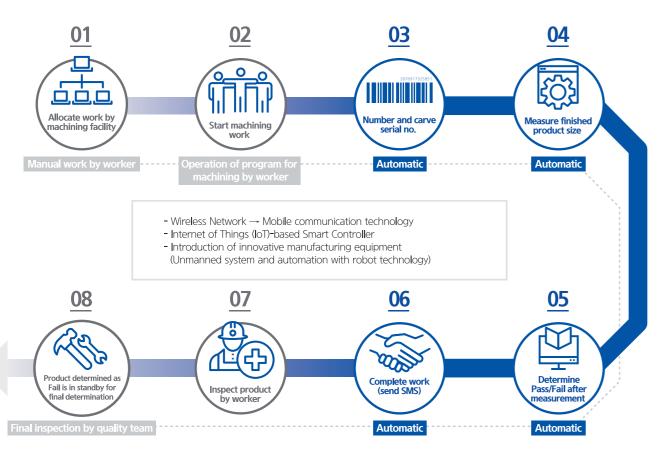


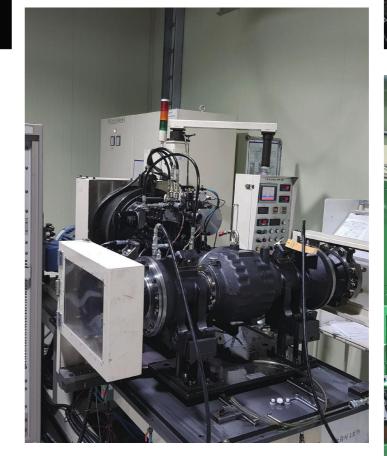


















HD HYUNDAI XITESOLUTION



Travel Motor

Type

2 Speed travel motor

Features

01 High Efficiency

High Reliability and Load Capacity
- Anumber of field application records in subsidiaries

Compact Design: Embedded motor valve and Parking brake

Major Components

Hydraulic motor	• Swash plate type
Valve	Counter balance valveAutomatic 2-speed shift valveShockless relief valve
Parking brake	Wet type multi disc brake
Reduction gear	• 2-Stages Planetary gear type

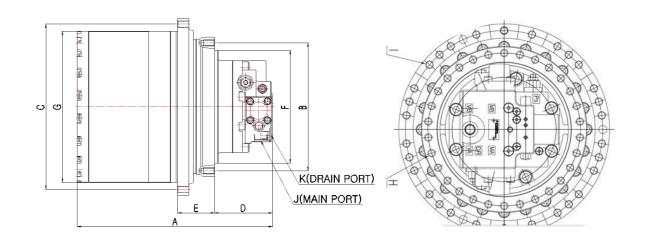
Model Information								
	HT21A(M172/R42)							
Н	HYUNDAI							
T	TRAVEL							
21	MACHINE WEIGHT (TON)							
Α	DESIGN SERIES							
М	MOTOR							
171.5	DISPLACEMENT							
R	REDUCTION GEAR							
42	OUTPUT TORQUE							

Specifications

Travel Motor

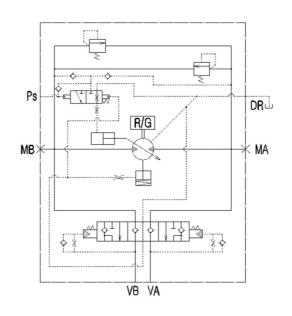
Model		Travel	Motor			Application		
	Displacement (cᡥ/rev)	Max. Speed (rpm)	Max. Pressure (Kgf/c㎡)	Brake Torque (Kgf∙m)	Gear Ratio (i)	Output Torque (Kgf·m)	Output Speed (rpm)	Application (Ton)
HT14A(M77/R23)	77	2,771	350	33	53.706	2,304	51.6	14~16
HT16A(M147/R33)	147.1	1,913	350	71	40.364	3,307	47.42	16~18
HT21A(M172/R42)	171.5	2,041	350	65.1	44	4,197	46.5	20~23
HT25A(M182/R45)	182.4	2,110	350	72.3	44	4,471	47.9	24~27
HT30A(M283/R63)	282.6	1,718	350	134	39.866	6,276	43.1	28~33
HT43A(M283/R87)	282.6	2,071	360	150	53.454	8,655	38.7	40~45
HT50A(M282/R99)	281.7	2,160	360	150	61.47	9,921	35.1	45~52

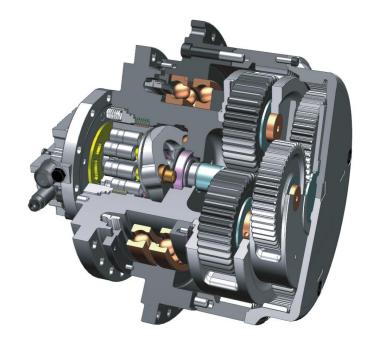
Dimensions



Model	Α	В	С	D	Е	F	G	Н	1	J	K	L
HT14A(M77/R23)	391	280	364	101.5	98.5	246	324	20-M16X2	21-M16X2	PF3/4	PF1/2	PF1/4
HT16A(M147/R33)	507.3	340	440	154.8	98.5	300	402	30-M16X2	30-M16X2	PF1	PF1/2	PF1/4
HT21A(M172/R42)	520.8	340	440	154.8	98.5	300	402	30-M16X2	30-M16X2	PF1	PF1/2	PF1/4
HT25A(M182/R45)	520.8	340	440	154.8	98.5	300	402	30-M16X2	38-M16X2	PF1	PF1/2	PF1/4
HT30A(M283/R63)	583.7	440	492	172.5	102.5	380	450	18-M24X3	26-M20X2.5	PF1	PF1/2	PF1/4
HT43A(M283/R87)	633	460	592	172.5	154	420	545	24-M20X2.5	30-M20X2.5	PF1	PF1/2	PF1/4
HT50A(M282/R99)	633	460	592	172.5	154	420	545	24-M20X2.5	30-M20X2.5	PF1	PF1/2	PF1/4

Hydraulic Circuit





Swing Motor

Type

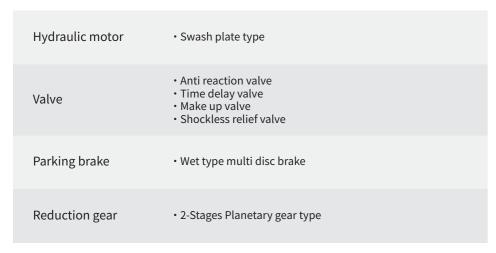
Axial piston motor with a built-in reduction gear

Features

High Efficiency

High Reliability and Load Capacity
- A number of field application records in subsidiaries

Major Components



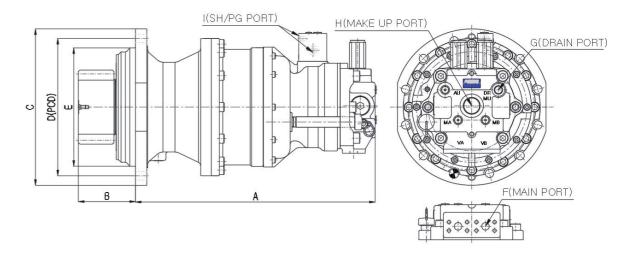
М	Model Information									
HS21A(M143/R11)										
Н	HYUNDAI									
S	SWING									
21	MACHINE WEIGHT(TON)									
A	DESIGN SERIES									
М	MOTOR									
143	DISPLACEMENT									
R	REDUCTION GEAR									
11	OUTPUT TORQUE									

Specifications

Swing Motor

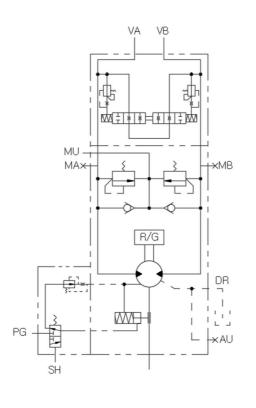
Model		Swing	Motor			Application		
	Displacement (cm³/rev)	Max. Speed (rpm)	Max. Pressure (Kgf/cஎ்)	Brake Torque (Kgf∙m)	Gear Ratio (i)	OutputTorque (Kgf·m)	OutputSpeed (rpm)	(Ton)
HS14A(M71/R05)	71	1,740	285	31.3	17.409	560.3	99.98	11~15
HS16A(M143/R09)	142.8	1,148	285	63.3	14.608	946	76.72	16~18
HS21A(M143/R11)	142.8	1,557	265	63.3	18.675	1,124	83.38	20~23
HS25A(M143/R14)	142.8	1,557	300	63.3	21.176	1,443	73.53	24~27
HS30A(M157/R19)	156.9	1,606	300	84.4	25.401	1,903	63.22	28~33
HS50A(M143/R12)	142.8	1,331	285	63.3	18.824	1,219	66.98	45~52

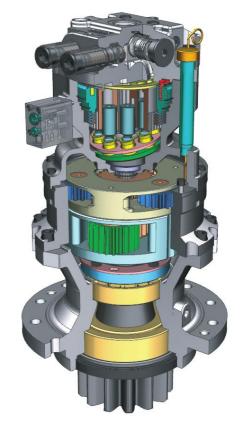
Dimensions



Model	А	В	С	D	E	F(Split Flange)	G	н	1
HS14A(M71/R05)	501	118	323	290	200	1/2"	PF3/8	PF3/4	PF1/4
HS16A(M143/R09)	551.5	147	410	360	310	3/4"	PF1/2	PF 1 1/4	PF1/4
HS21A(M143/R11)	551.5	147	410	360	310	3/4"	PF1/2	PF 1 1/4	PF1/4
HT25A(M182/R45)	559.8	186.2	510	460	390	3/4"	PF1/2	PF 1 1/4	PF1/4
HS30A(M157/R19)	678	179	570	520	390	3/4"	PF1/2	PF 1 1/4	PF1/4
HS50A(M143/R12)	630	166.5	410	360	310	3/4"	PF1/2	PF 1 1/4	PF1/4

Hydraulic Circuit



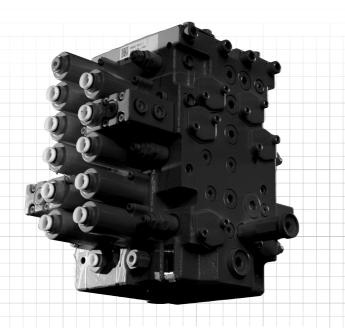




MCV (Main Control Valve)

Type

Negative Flow Control Type Main Control Valve



Features

01 High Efficiency
Low Pressure Loss
Optimized Flow Line

High Reliability Stabilized Hydraulic Circuit Enhanced Spool Operation (Anti-stick) Enhanced Durability

Model Information

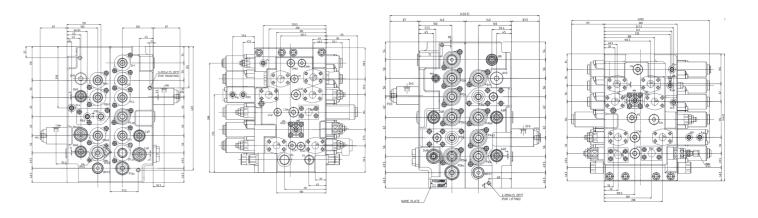
S	SUPERIOR
С	CONTROL
V	VALVE
28	Spool Dia. Φ28mm
ш	HVIINDAI davalanment

Specifications

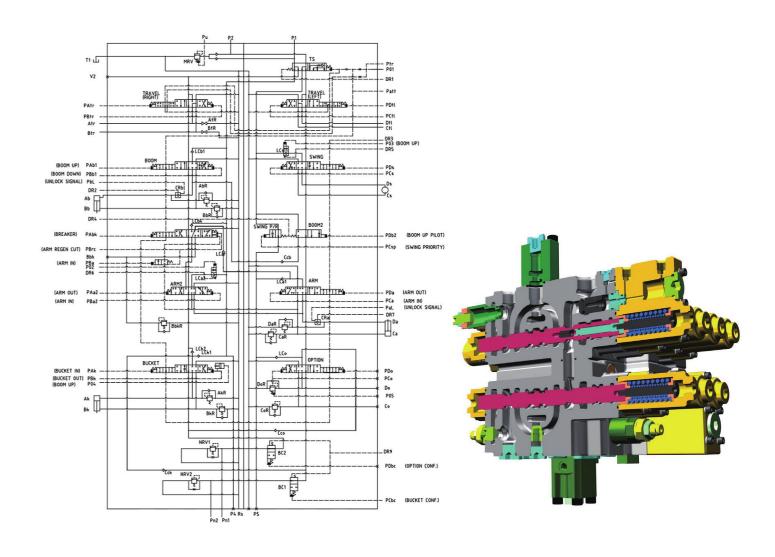
MC

Feature		Specification	1	
Flow Control Type	Center By-pass Negative			
Housing Quantity	P1, P2	2 pieces		
Weight	P1 & P2 Housing		about 215kg	
Rated Condition	Pressure	34.3MPa	(350kgf/cm ²)	
Rated Condition	Flow		280 L/min	
Pilot Pressure	Maximum	4.9MPa	(50kgf/cm²)	
		vs Swing	by Logic Valve	
Priority Function	Boom Up Only	vs Arm	by Logic Valve	
Friority Function		vs Bucket	by Stroke Limit	
	Swing	vs Arm	by Spool	
	Bucket / Option		By-pass Cut Spool	
Flow Confluence	Boom	Boom Up Only		
	Arm		Both In and Out	
Flow Regeneration	Boom		Spool Internal Type	
r tow Regeneration	Arm		Independent Spool Type	
Holding Valve	Boom		Valve Block Type	
Holding valve	Arm		Valve Block Type	
Etc. Function		Travel Strai	ght Spool	
	Hydraulic Fluid		Mineral Oil	
Operating Conditions	Oil Temp	-20~+90 °C	-4~+194°F	
operating conditions	Atmosphere	-22~+50 °C	-4~+122°F	
	Contaimination		Be controlled with in NAS 10 Level	

Dimensions



Hydraulic Circuit



Transmission

Type

Power Shift / Electronic Control Shift (HE Series)

Features

11 High Torque Ratio & Efficiency of Torque Converter

02 Shockless shifting & High Reliability

03 High Capacity Clutch Pack & Gear Train

14 Electronic Smart Control System(HE Series)



Major Components

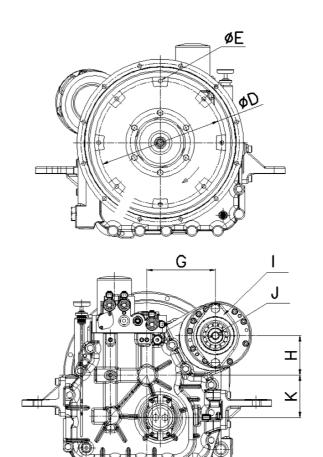
Descri	ptions	HT Series	HE Series	
Torque C	Converter	• 3-Elements, 1-Stage, 2-Phases • 4-Elements, 2-Stages, 3-Phases	←	
	CU n Control Unit)	Without	With	
	Valve Type	On/Off	EPPR	
Control Valve	Modulation	Hydraulic	Electronic	
	Inching	Mechanic	Electronic	
Hydraul	ic Clutch	Wet Tpye Multi Disc	←	

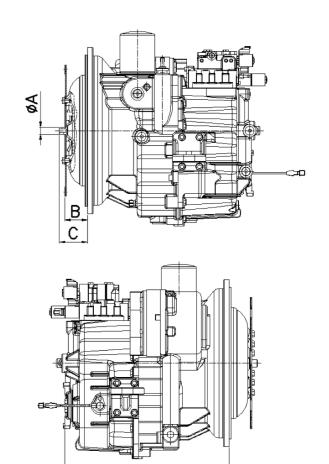
Specifications

ransmission

Applic	ation	Model	Control	Speed	Torque Converter	Clutch Type	Gear Train	Engine Mounting	
Vehicle	Ton	Model	Type	Range F/R	(Element-Stage- Phase)	Clutch Type	Geal Halli	(Housing)	
Class IV	1~3	3 HT31C Hydraulic 1/1 3-1-2		3-1-2	Wet Multi-Disc	Counter Shaft, Helical	Engine Dependent		
4~5	HT50C	Hydraulic	1/1	4-2-3	Wet Multi-Disc	Counter Shaft, Spur	SAE "3"		
	1~3	HT31	Hydraulic	1/1	3-1-2	Wet Multi-Disc	Counter Shaft, Helical	Engine Dependent	
	1~3	HE31	Electronic	1/1	3-1-2	Wet Multi-Disc	Counter Shaft, Helical	Engine Dependent	
Class V	4~5	HT50	Hydraulic	1/1	4-2-3	Wet Multi-Disc	Counter Shaft, Spur	SAE "3"	
	4~5	HT51	Hydraulic	2/1	3-1-2	Wet Multi-Disc	Counter Shaft, Helical/Spur	SAE "3"	
	4~5	HE51	Electronic	2/1	3-1-2	Wet Multi-Disc	Counter Shaft, Helical/Spur	SAE "3"	
	6~10	HT101	Hydraulic	2/1	4-2-3	Wet Multi-Disc	Counter Shaft, Helical/Spur	SAE "3"	

Dimensions





Dim Model	А	В	С	D	E	F	G	Н	T.	J	K	Remarks
HT31C	15	-10.5	31	320	9 (12 ea)	334	-	-	SAE"A"	11T 16/32 DP	115	
HT31	15	-10.5	31	320	9 (12 ea)	334	-	-	SAE"A"	11T 16/32 DP	115	
HE31	15	-10.5	31	320	9 (12 ea)	334	-	-	SAE"A"	11T 16/32 DP	115	
HT50C	20	66.1	96.6	320.7	11 (6 ea)	333.3	185.2	106.9	SAE"B"	13T 16/32 DP	114	
HT50	19	61.7	76.2	333.4	11 (8 ea)	454.9	185.2	106.9	SAE"B"	13T 16/32 DP	114	
HT51	19	61.7	76.2	334.4	11 (8 ea)	444.6	185.2	106.9	SAE"B"	13T 16/32 DP	114	
HT101	19	61.7	76.2	334.4	11 (8 ea)	586.5	236.3	76.5	SAE"B"	13T 16/32 DP	306	

Drive Axle



Type

Wet multi disc & hydraulically actuated Service Brake Planetary Hub reduction

Features

01 Robust & Compact Axle Housing

02 Self-adjusting Service Brake

03 Parking Brake option selectable

Reliable and Strong Hub Reduction Pars & Gears (Bevel, Differential, Planetary)

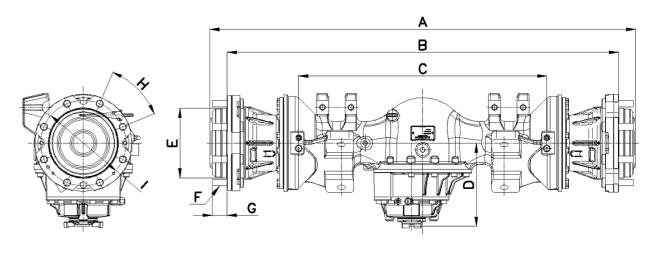
Major Components

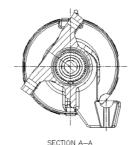
Service Brake	Wet multiple disc
Parking Brake	Wet multiple disc Caliper Brake
Hub Reduction	• Planetary Gear set
Differential	Open Differential
Bevel Gear	Spiral Bevel Gear

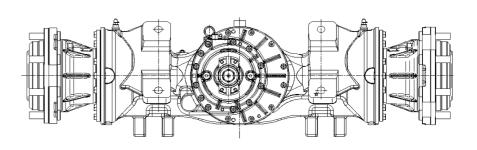
Specifications

Applic	cation	Model	Differential Type	Hub Reduction	Service Brake	Parking Brake	Mast Mount	Frame Mount
Vehicle	Ton	Model	Differential Type	Туре	Service Brake	Туре	Туре	Туре
Class IV	1~3	HA31C	Open, Bevel Gear	Planetary Gear	Wet Multi-Disc(with self-adjust)	-	Trunnion	Pad
	4~5	HA50C	Open, Bevel Gear	Planetary Gear	Wet Multi-Disc(with self-adjust)	Caliper	J-Hook	Flange
	1~3	HA31	Open, Bevel Gear	Planetary Gear	Wet Multi-Disc(with self-adjust)	-	Trunnion	Pad
Class V	1~3	HA31D	Open, Bevel Gear	Planetary Gear	Wet Multi-Disc(with self-adjust)	-	Trunnion	Pad
Class V	4~6	HA61	Open, Bevel Gear	Planetary Gear	Wet Multi-Disc(with self-adjust)	Wet Multi Disc	J-Hook	Pad
	6~8	HA81	Open, Bevel Gear	Planetary Gear	Wet Multi-Disc(with self-adjust)	Caliper	J-Hook	Pad

Dimensions







Dim Model	А	В	С	D	E	F	G	Н	ı	Remarks
HA31C	1069	949	676	198.5	Ф168	M20xP1.5	41	6x60 °	Ф220	
HA31	1066	953	607	198.5	Ф168	M20xP1.5	41	6x60 °	Ф220	
HA31D	1240	1158	607	198.5	Ф160	M20xP1.5	41	6x60 °	Ф212	
HA50C	1270	1160	699	214	Ф223.8	M22xP1.5	48	8x45 °	Ф275	
HA61	1370	1260	799	268.6	Ф223.8	M22xP1.5	48	8x45 °	Ф275	
HA81	1930	1558	1104	320	Ф220.8	M22xP1.5	55	8x45 °	Ф275	

Hydraulic Cylinder

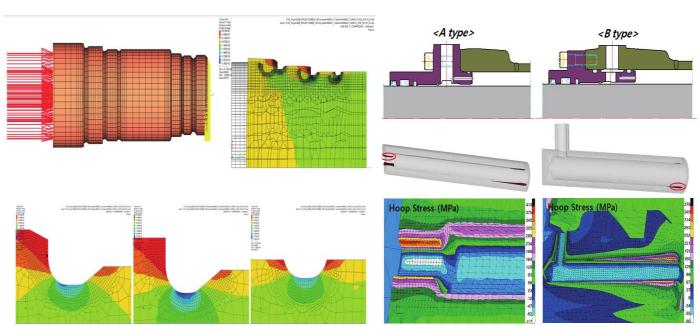


- 01. Design for excellent durability and long life
- Sealing system for high durability at high temperature, and long life pin bushing
- Corrosion-resistant hard chrome plated piston rod to improve durability against corrosion
- 02. Compact and lightweight design against high pressure
- 03. Design customized for customers, specialized for diverse work environments
- 04. Eco-friendly production by using green materials and manufacturing techniques



1	Model (Type)	HC: Hyundai Genuine Cylinder "A": Middle&Large Excavator, Wheel Loader "B": Small&Mini Excavator, Wheel Loader "C": Wheel Loader	Туре	Cylinder Bore (mm)	Max Stroke (mm)	Max PRE (Mpa)	' Main Application
2	Cylinder Bore	mm	А	90~200	2000	35	Middle&Large Excavator Wheel Loader
3	Rod Diameter	mm					Small&Mini Excavator
4	Stroke	mm	В	50~115	1500	30	Wheel Loader
5	Usage	"E" for Excavator "W" for Whell loader "O" for others	С	100~200	2000	30	Wheel Loader

Analysis of Design Stress



Analysis of Fatigue Life

Design with 3D CAD modeling and Virtual Production Development (VPD)
Implement the optimized design by verifying stress and fatigue life in advance during all processes

Hydraulic Impulse Tester



Verify product robustness and durability by applying an impulse impact pressure under a harsher condition than an actual load that may be applied to the product.

Seal Durability Test



Verify the optimized seal system by performing a durability test on seal products under diverse environmental conditions for testing, searching, and developing seal systems, meeting the customer conditions.

Temperature and Humidity Tester

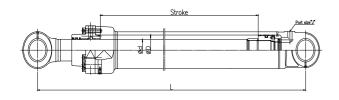


Verify product durability and quality by creating an environment with extreme conditions such as low and high temperatures and high humidity where construction machinery and material handling equipment are used.

HD HYUNDAI XITESOLUTION

Hydraulic Cylinder

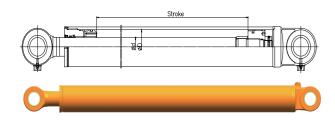
HCML Series (Middle & Large Excavator, Wheel Loader)





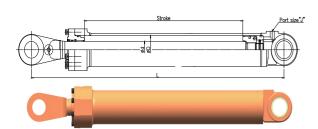
Cylinder bore	Rod diameter	Max stroke	Retracted length L (Min)	Port size J
90	55	1050	1200	#3
95	60/65/70	1100	1250	#2/#5/#6
100	70	1100	1250	#5/#6
105	75	1100	1250	#2/#3/#4/#5/#6
110	65/75	1100	1250	#5/#6
115	70/80	1100	1250	#2/#3
120	70/80/85	1100	1250	#1/#6
125	70/85	1100	1300	#5/#6
130	80/90	1100	1350	#1/#8
135	95	1100	1350	#6/#8
140	75/95/100	1100	1350	#6/#7/#8
145	90/105	1250	1550	#6/#7/#8
150	105/110	1300	1650	#7/#8/#9
160	80/85/95/110	1300	1650	#6/#7/#8
170	115/120	1250	1650	#8/#9
180	90/95	1250	1650	#7
190	130	1200	1650	#8
200	100	1200	1650	#7

HCSM Series (Small & Mini Excavator, Wheel Loader)



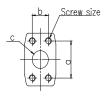
Cylinder bore	Rod diameter	Max stroke	Retracted length L (Min)	Port size J
100	65	850	1200	#5
105	65	850	1200	#5
110	65	850	1200	#5
120	70	900	1200	#5
125	70	900	1200	#6
140	75/80	950	1300	#7
160	90/95	950	1350	#7
180	100/105	1000	1500	#6/#7
200	110	1000	1500	#10/#11

HCL Series (Wheel Loader)



Cylinder bore	Rod diameter	Max stroke	Retracted length L (Min)	Port size J
80	50	700	400	
95	55	700	400	Optional by
90	50/55/60	800	500	customer
100	50/65	900	500	request (METRIC, PF, PT,
105	55/60	900	700	UNF, ORFS
110	55/60/65	900	750	available)
115	60	1000	750	

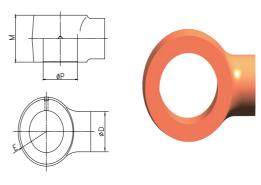
STANDARD SAE PORT SIZE (HCML and HCL Series)





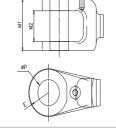
Port size		В	С	Screw size	Port size			С	Screw size	
#1	17.5	38.1	¢13	M8*1.25	#7	26.2	52.4	¢ 25	M10*1.5	
#2	18.2	40.5	¢13	M8*1.25	#8	27.8	57.2	¢ 25	M12*1.75	
#3	18.2	40.5	¢15	M8*1.25	#9	31.8	66.7	¢32	M12*1.75	
#4	19.8	42.9	¢15	M8*1.25	#10	30.2	58.7	¢ 25	M12*1.75	
#5	22.2	47.6	¢15	M10*1.5	#11	30.2	58.7	¢27	M12*1.75	
#6	23.8	50.8	¢19	M10*1.5						

ROD EYE - RA type



Е	М	¢ρ	Е	М	¢ρ	Е	М	¢ρ
45	55	55	65	70	80	80	116	95
45	60	60	65	90	80	80	116	115
50	60	60	67	80	85	85	106	105
50	65	65	70	85	70	85	116	110
50	65	68	70	90	85	90	116	115
50	70	60	70	95	85	90	126	115
50	75	50	70	95	90	90	130	105
55	65	70	70	95	95	95	126	125
60	70	75	70	96	85	95	132	110
60	75	80	70	96	95	100	110	125
60	80	80	70	105	95	100	126	125
60	90	85	70	106	85	105	126	125
62.35	75	85	80	90	105	105	126	135
63	75	85	80	113	95	110	140	135

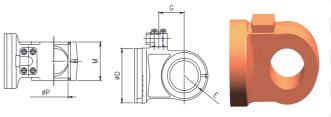
ROD EYE - RB type





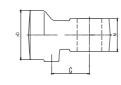
Е	M1	M2	¢ρ
60	151	89	65
60	159	89	65
70	166	96	75
80	193	102	95
85	203	103	100
110	242	122	120

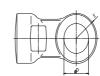
BASE – BA Type



Е	М	¢ρ	¢ D	G	Е	М	¢ρ	¢ D	G	
70	106	95	143	80	85	130	105	173	95	
75	100	85	148	75	85	130	105	176	95	
75	116	95	162	80	90	100	115	189	70	
75	116	95	165	80	90	100	115	205	70	
75	116	95	167	80	90	116	115	190	90	
75	116	105	156	80	90	126	115	190	90	
75	116	105	162	80	95	132	110	194	95	
75	116	105	165	80	100	110	125	189	70	
75	116	105	167	80	100	110	125	205	70	
81	90	110	165	60	100	125	135	213	90	
81	90	110	182	60	100	125	135	227	90	
85	106	85	165	80	100	126	125	202	150	
85	116	115	167	95	105	116	135	201	170	
85	116	115	176	95	110	140	135	223	100	
85	120	110	176	95						

BASE - BB Type

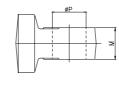


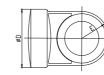




Е	М	¢ρ	¢ D	G	Е	М	¢ρ	¢ D	G
45	60	60	106	78	70	105	95	146	150
65	70	80	130	105	75	116	95	167	80
65	70	80	130	114	85	106	105	167	155
67	90	85	118	120	85	106	105	180	155
70	95	85	125	130	90	116	115	190	90
70	95	85	130	130	90	116	115	190	155
70	95	95	142	150	100	126	125	191	155
70	95	95	148	150	100	126	125	201	155
70	105	95	142	100	110	140	135	223	100
70	105	95	144	150					

BASE – BC Type







Ε	М	¢ρ	¢ D	Е	М	¢ρ	¢ D
45	60	60	106	50	65	68	132
50	60	60	103	55	65	60	132
50	60	60	105	55	75	60	134
50	65	65	127	60	70	75	126
50	65	68	116	60	70	75	130

Global Network



Head office Seongnam, Korea



Technology Innovation Center Yongin, Korea



Motor Plant Gyeongju, Korea





MCV & Powertrain Plant

Ulsan, Korea





Motor & Cylinder Plant (Changzhou Hydraulic Corporation)

Changzhou, China





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