



MAIN PRODUCTS

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MAIN PRODUCT CATALOG

I . PIPING MATERIALS

Pipes



Supply Range

ERW Pipes, EFW Pipes, SAW Pipes
Seamless pipes
Stainless Steel Welded Pipes, Duplex Welded Pipes
Boiler Tubes

Available Materials

carbon steel	LTCS	High Yield	Stainless Steel	Duplex	Copper Nickel
ASTM A53 A/B	ASTM A671	API 5L X42	ASTM A312/358 TP304L	ASTM A790 UNS 31803	90-10 EEMUA 144
API 5L Gr.B	ASTM A672	API 5L X52	ASTM A312/358 TP316L	ASTM A790 UNS 32750/60	
ASTM A134, A139		API 5L X60		ASTM A928 UNS 31803	
ASTM A500, A252		API 5L X65		ASTM A928 UNS 32750/60	
API 2B, 5CT		API 5L X70			



Fittings



Supply Range

90°/45° Elbow(LR, SR), Tee, Con Reducer, Ecc Reducer, Cap, Stub-end, Lateral
Con/Ecc Swage, Union, Coupling, Hex Bushing, Plug(Hex/Round/Square), Nipple, Weldolet, Sockolet
Thredolet, 45°Lateral, Y-Piece, Tee-Piece

Available Materials

carbon steel	High Yield	Alloy Steel	Stainless Steel	Duplex	Copper Nickel
ASTM A234 WPB/C	ASTM A860 WPHY42	ASTM A234 WP5	ASTM A403 WP304 H+L	ASTM A815 UNS 31803	90-10 EEMUA 146
ASTM A420 WPL6	ASTM A860 WPHY52	ASTM A234 WP9	ASTM A403 WP316 H+L	ASTM A815 UNS 32750/60	
	ASTM A860 WPHY60	ASTM A234 WP11	ASTM A403 WP321 H		
	ASTM A860 WPHY65	ASTM A234 WP22	ASTM A403 WP347 H		
		ASTM A234 WP91			

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Flanges



Supply Range

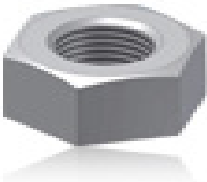
Stud Bolt&Nuts, Headed(Hex,Square,Octagon) Bolt, Heating Bolt, Anchor Bolt, Welding Stud, Washer, PTFE Coated Bolt

Available Materials

Carbon steels	ASTM : A105(N), A181Gr, A266Gr, A350Gr
	JIS : SFGGr
Highyield carbon steels	ASTM A694Gr : F42, F45, F52, F55, F60, F65, Etc
Stainless steels	ASTM A182G : F304(L,H), F316(L, H), F347(H), F317(L), F44, Etc
Duplex&superduplex steels	ASTM A182Gr : F51, F52, Etc
Low alloy steels	ASTM A182Gr, AISI 4130 : F1, F5(A), F6, F9, F11, F12, F22, F91, Etc
Nickel alloys	B564 UNS NO : 6625, 8824, Etc



Bolt & Nut, Gasket

Stud bolt & nutC	Heavy hex bolt	Heavy hex nut
		
H/T BOLT, NUT, WASHER2	STRUCTURAL BOLT, NUT, WASHER	Coupling
		

Supply Range

Stud Bolt&Nuts, Headed(Hex,Sqare,Octagon) Bolt, Heating Bolt, Anchor Bolt, Welding Stud, Washer, PTFE Coated Bolt

Available Materials

carbon steel	Alloy Steel	Stainless Steel	Duplex	Copper Nickel
ASTM A193-B7	ASTM A193-B8	ASTM A320-B8	ASTM A453-660	ASTM B133
ASTM A194-2H		ASTM A276-304,304L		ASTM B139
ASTM A307		ASTM A276-316,316L		
ASTM A325		ASTM A194-8A,M,MA		
ASTM A490				

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BS H BEAM

Accord. To EN 10025, EN 10034			Steel Grade
UB152×89	UC356×127	UB457×191	S235JR S235J0 S275JR S275J0 S355JR S355J0
UC152×152	UB356×171	UB533×210	
UB203×203	UC356×368	UB610×229	
UB254×102	UC406×140	UB686×254	
UC305×102	UC406×178		
UB305×305	UC457×152		



ASTM H BEAM

Accord. to ASTM A36, ASTM A572, ASTM A992									
(in.)	(mm)	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)
W4	100×100	W12	250×200	W14	360×250	W24	530×210	W36	840×400
W5	130×130		250×250		360×370		530×315		920×310
W6	150×100		310×100		360×410		610×180		HP8 200×200
	150×150		310×165		410×140		610×230		HP10 250×250
W8	200×100		310×200	W16	410×180	W27	610×325	HP12	310×310
	200×135	W14	310×250		410×260		690×250		HP14 360×360
	200×165		310×310		460×150		690×355		
	200×200		360×130		460×190	W30	760×265		
W10	250×100		360×170	W18	460×280		760×380		
	250×145		360×200		530×165		840×295		
				W21		W33			





H-BEAM (Japanese Industrial Standards) :(G 3192-2005)

type	Sectional Dimension (mm)	Theoretical weight kg/m
	H × B × t ₁ × t ₂	
HW	100×100×6×8	16.9
	125×125×6.5×9	23.6
	150×150×7×10	31.1
	175×175×7.5×11	40.4
	200×200×8×12	49.9
	250×250×9×14	71.8
	300×300×10×15	93
	350×350×12×19	135
	400×400×13×21	172
HM	148×100×6×9	20.7
	194×150×6×9	29.9
	244×175×7×11	43.6
	294×200×8×12	55.8
	340×250×9×14	78.1
	390×300×10×16	105
	440×300×11×18	121
	488×300×11×18	125
	588×300×12×20	147

type	Sectional Dimension (mm)	Theoretical weight kg/m
	H × B × t ₁ × t ₂	
HN	100×50×5×7	9.3
	125×60×6×8	13.1
	150×75×5×7	14
	175×90×5×8	18
	198×99×4.5×7	17.8
	200×100×5.5×8	20.9
	248×124×5×8	25.1
	250×125×6×9	29
	298×149×5.5×8	32
	300×150×6.5×9	36.7
	350×175×7×11	49.4
	400×200×8×13	65.4
	450×200×9×14	74.9
	500×200×10×16	88.2
	600×200×11×17	103
	700×300×13×24	182
	800×300×14×26	207
	900×300×16×28	240

I BEAM

Standard	Type
I Beam GB/T 706-2008	Dimension:10#-63# Length: 5.8-12m Steel Grade: Q235, Q345
IPE BEAMS Euronorm 19-57 (Dimension)	EUROPEAN STANDARD UNIVERSAL I BEAMS (I SECTION) WITH PARALLEL FLANGES Dimension:IPE80-IPE220, IPEA,IPEAA Length: 5.8-12m Steel Grade: S235JR, S355JR
IPN BEAMS DIN 1025-1: 1995 (Dimension)	EUROPEAN STANDARD UNIVERSAL I BEAMS (I SECTION) WITH TAPER FLANGER Dimension:IPN80-IPN200 Length: 5.8-12m Steel Grade: SS235JR, S355JR



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U Channel Steel (Japanese Industrial Standards)

Accord. To G 3192-2005 JISG3101-2004 Steel Grade: SS400 SS490

Sectional Dimension (mm)			Section area cm ²	Theoretical weight kg/m
H×B	t ₁	t ₂		
75×40	5	7	8.818	6.92
100×50	5	7.5	11.92	9.36
125×65	6	8	17.11	13.4
150×75	6.5	10	23.71	18.6
150×75	9	12.5	30.59	24
180×75	7	10.5	27.2	21.4
200×80	7.5	11	31.33	24.6
200×90	8	13.5	38.65	30.3
250×90	9	13	44.07	34.6
250×90	11	14.5	51.17	40.2
300×90	9	13	48.57	38.1
300×90	10	15.5	55.74	43.8
300×90	12	16	61.9	48.6



UPN (Taper Flange Channel) European standard channels

Dimensions: DIN1026-1: 2000, NF A 45-202: 1986

Tolerance: EN 10279: 2000 EN 1993-1-1: 2005 Steel Grade: S235 S275 S355

Type	H×B(mm)	t _w	t _f	Theoretical weight kg/m
UPN50	50×25	5	6	3.86
UPN80	80×45	6	8	8.64
UPN100	100×50	6	8.5	10.6
UPN120	120×55	7	9	13.4
UPN140	140×60	7	10	16
UPN160	160×65	7.5	10.5	18.8
UPN180	180×70	8	11	22
UPN200	200×75	8.5	11.5	25.3



UPE (Parallel Flange Channel) European standard channels

Dimensions: DIN1026-2: 2002-10

Tolerance: EN 10279: 2000 EN 1993-1-1: 2005 Steel Grade: S235 S275 S355

Type	H×B(mm)	t _w	t _f	Theoretical weight kg/m
UPE80	80×50	4	7	7.9
UPE100	100×55	4.5	7.5	9.82
UPE120	120×60	5	8	12.1
UPE140	140×65	5	9	14.5
UPE160	160×70	5.5	9.5	17
UPE180	180×75	5.5	10.5	19.7
UPE200	200×80	6	11	22.8





Angle Steel (Japanese Industrial Standards)

Accord. To G 3192-2005 JISG3101-2004 Steel Grade: SS400 SS490

Sectional Dimension (mm)			
A×B	t	A×B	t
25×25	3	80×80	6
30×30	3	90×90	6-13
40×40	3-5	100×100	7-13
45×45	4-5	120×120	8
50×50	4-6	130×130	9-15
60×60	4-5	150×150	12-19
65×65	5-8	175×175	12-15
70×70	6	200×200	15-25
75×75	6-12	250×250	25-35



Unequal Angle Steel (Japanese Industrial Standards)

Accord. To G 3192-2005 JISG3101-2004 Steel Grade: SS400 SS490

Sectional Dimension (mm)			
A×B	t	A×B	t
95×75	9	125×90	10-13
100×75	7-10	150×90	9-12
125×75	7-13	150×100	9-15



STEEL TUBE&PIPE

Product name	Dimension (mm)	Steel Grade	Standard	Surface Treatment
Square Steel Tube	10×10-200×200	Q195-Q235 Q345	GB/T6728-2002	Galvanized Zinc Coating Oil Paint spraying
Rectangular Steel Tube	20×30-200×400			
Round Steel Pipe	Ø15-Ø90, Ø219.1-Ø660.4			



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HOT ROLLED STEEL BAR

Dimension		Steel Grade :	Standard
Deformed Steel Bar	Dia: 6mm-32mm	HRB400 460B HRB500 500B HRB400E GR40 SD390 GR60	GB 1499.2-2007 JIS G3112-2010 KS D3504:2011 BS 4449:2005 ASTM A615/615M-1996a
Hot Rolled Round Steel Bar	Dia: 6mm-130mm	Q235 S45C Q345 S50C SS400 S55C S40C 40#-60#	JIS G4051-2005 GB/T 700-2006 GB/T 702-2008
Hot Rolled Square Steel Bar	Dia: 8*8~50*50	Q235, A36 SS400, 20# 45#	GB/T 702-2008
Hot Rolled Flat Steel Bar	T: 4.5-22mm W:12-140mm	Q235, A36, SS400 20# 45# 65Mn	GB 704-2008



Hot Rolled Wire Rod

STANDARD	GRADE	SIZE
GB1499.2-2007 ASTM615	Q195 Q235 SAE1006-SAE1022	Φ5-Φ19mm





Hot Rolled Steel Coils And Plate

STEEL GRADE:SS400 S235JR A36 Q195 Q235A/B Q345A/B 45#

Specification				
thickness (mm)	width (mm)	length (mm)	id in coils (mm)	coils weight
4.75-200	1010	2000-12000	760 (+/-20)	5-30MT
4.75-200	1250	2000-12000	760 (+/-20)	5-30MT
4.75-200	1500	2000-12000	760 (+/-20)	5-30MT
10-80	1800	2000-12000	760 (+/-20)	5-30MT
10-80	2000	2000-12000	760 (+/-20)	5-30MT
10-120	2500	2000-12000	760 (+/-20)	5-30MT
10-120	2700	2000-12000	760 (+/-20)	5-30MT
10-120	2800	2000-12000	760 (+/-20)	5-30MT
10-120	3000	2000-12000	760 (+/-20)	5-30MT



Hot Rolled Thin Steel Sheet

STEEL GRADE:SS400 S235JR A36 Q195 Q235A/B Q345A/B 45#

Specification		
thickness (mm)	width (mm)	length (mm)
1.8/2.0	1000	2000-12000
1.5-12	1250	2000-12000
2.0-11.75	1500	2000-12000
5.5-11.75	1800	2000-12000
5.5-11.75	2000	2000-12000



Hot Rolled Steel Sheet Pile

Accord. to JISA5528-2012 ,JISA5523-2012 Steel Grade: SY295, SY390

Type	Effective Width	Effective Height	Web Thickness	Theoretical weight kg/m
SPU-I	400	85	8	35.5
SPU-II	400	100	10.5	48
SPU-III	400	125	13	60
SPU-IIIA	400	150	13.1	58.4
SPU-IV	400	170	15.5	76.1
SPU-VL	500	200	24.3	105
SPU-VIL	500	225	27.6	120
SPU-IIW	600	130	10.3	61.8
SPU-IIIW	600	180	13.4	81.6
SPU-IVW	600	210	18	106



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II. FABRICATION OF STEEL STRUCTURE



* Application : Building, Warehouse, New Factory, Bridge, etc for Power Plant, Petrochemical Plant, Refinery Plant, Fertilizer Plant. Desalination Plant, etc,



III. EQUIPMENT

Transformers



Power Transformer for Substation



Power Transformer for Power Plant



Power Transformer for Mining and Steel Factory



Power Transformer for general Factory

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Industrial Pump



* Applicable project : Power generation, Desalination, Petrochemicals and Nuclear Power plant

Industrial Boilers



CFBC Boiler
(Circulating Fluidized Bed Combustion)



HRSG Boiler
(Heat Recovery Steam Generator)



Industrial Boiler

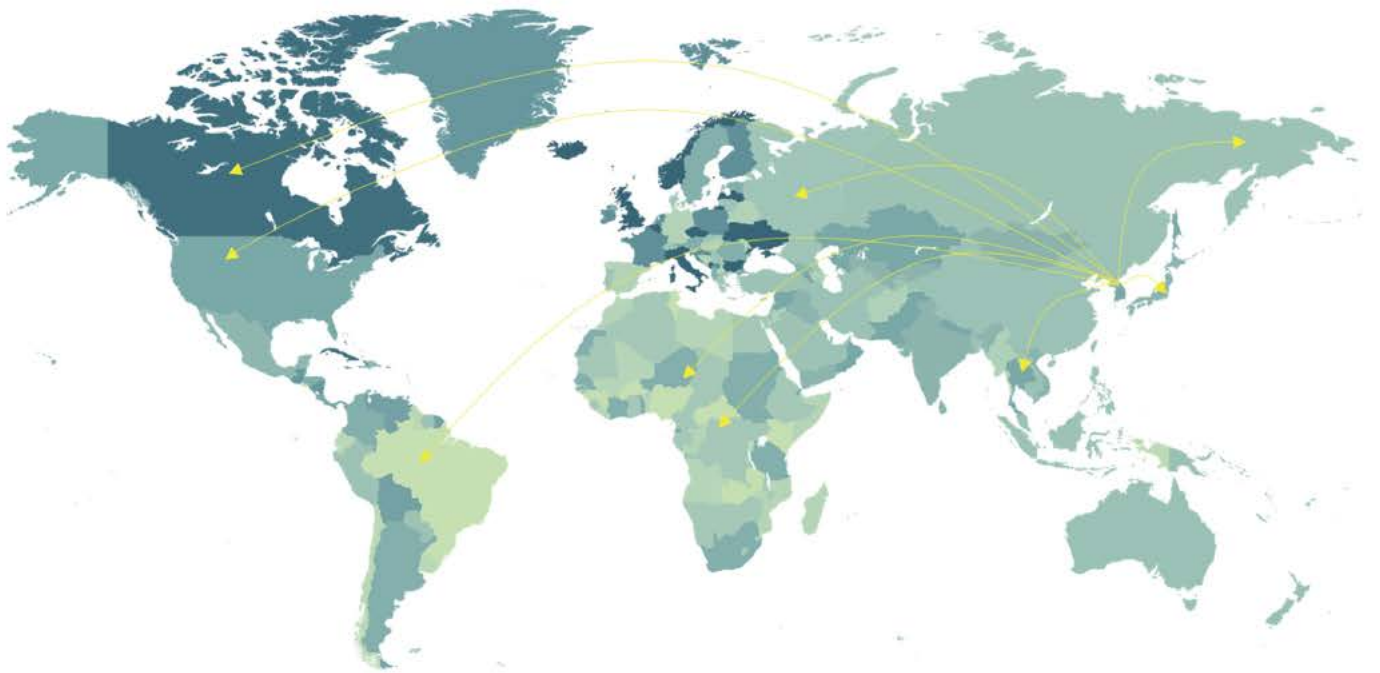
About

Spring Peace Corporation

Spring Peace Corporation is an international trading company located in Korea. We are supplying construction material and equipment to clients. We are sourcing them from the markets in Korea, China, Japan to meet the requirements of clients. The CEO and some staff have worked at Hyundai Engineering and Construction Company for 20~30 years. We have a lot of knowledge on construction materials and equipment.

Spring Peace Corporation will do our best to meet the requirements of clients.

We want long-term business with clients. Thank you.



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CORPORATION

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