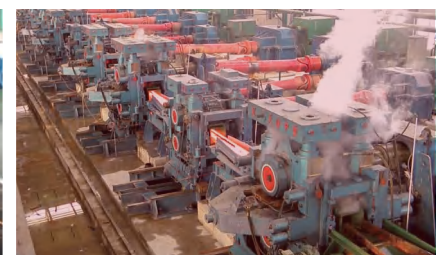
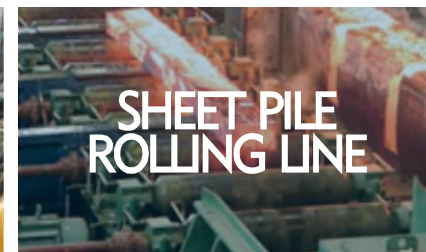
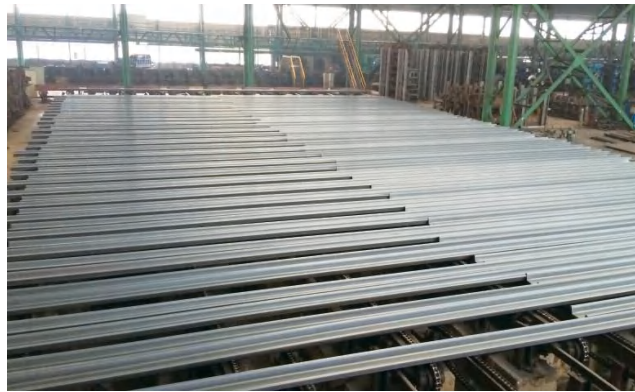


Enterprise Profile

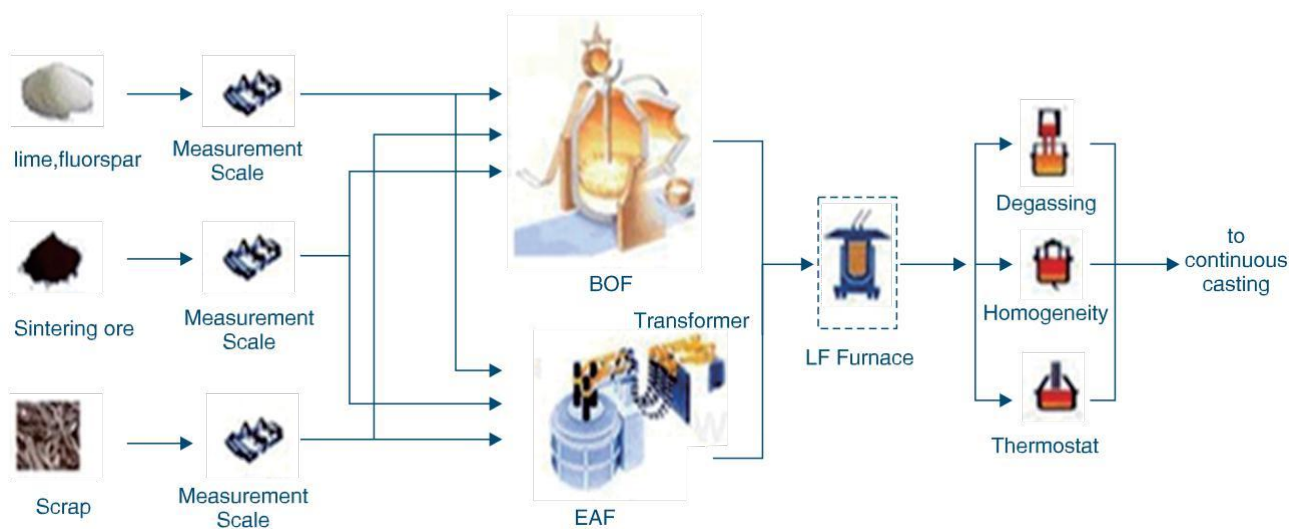
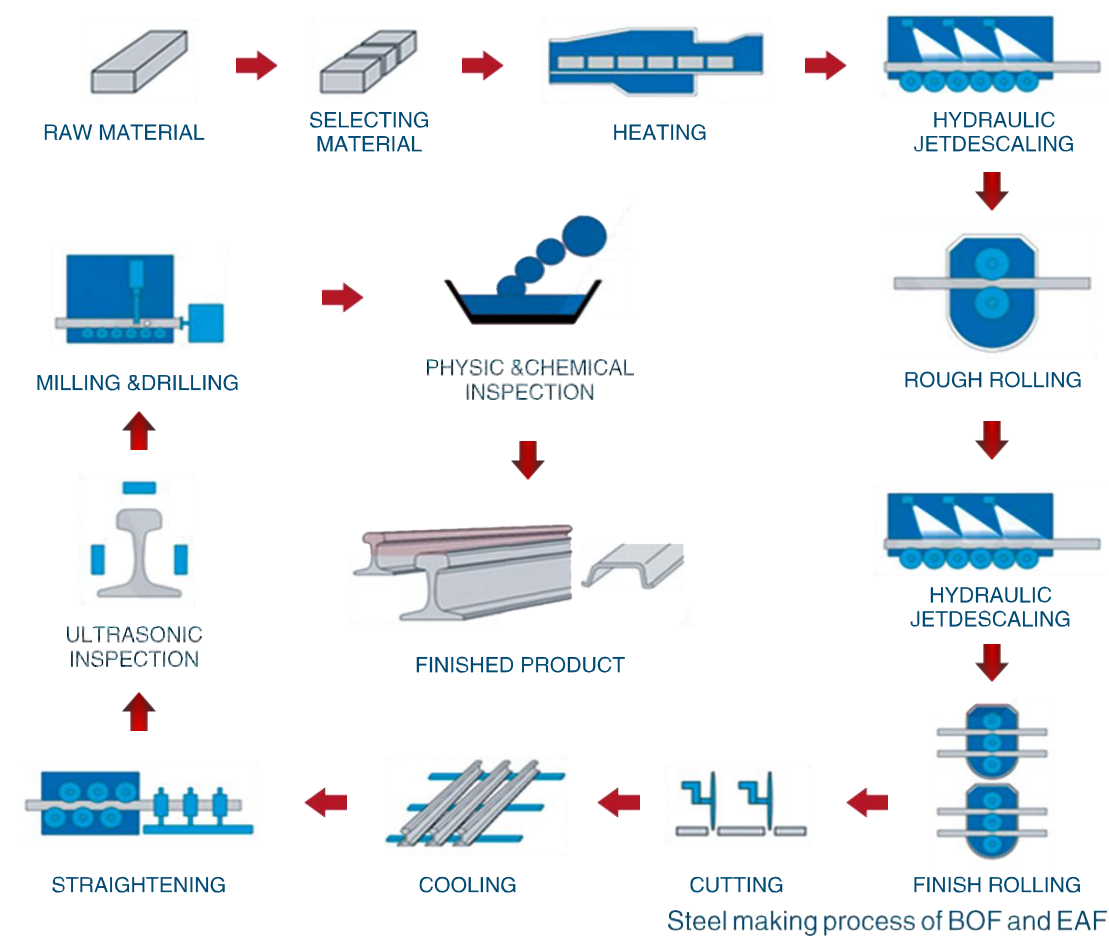


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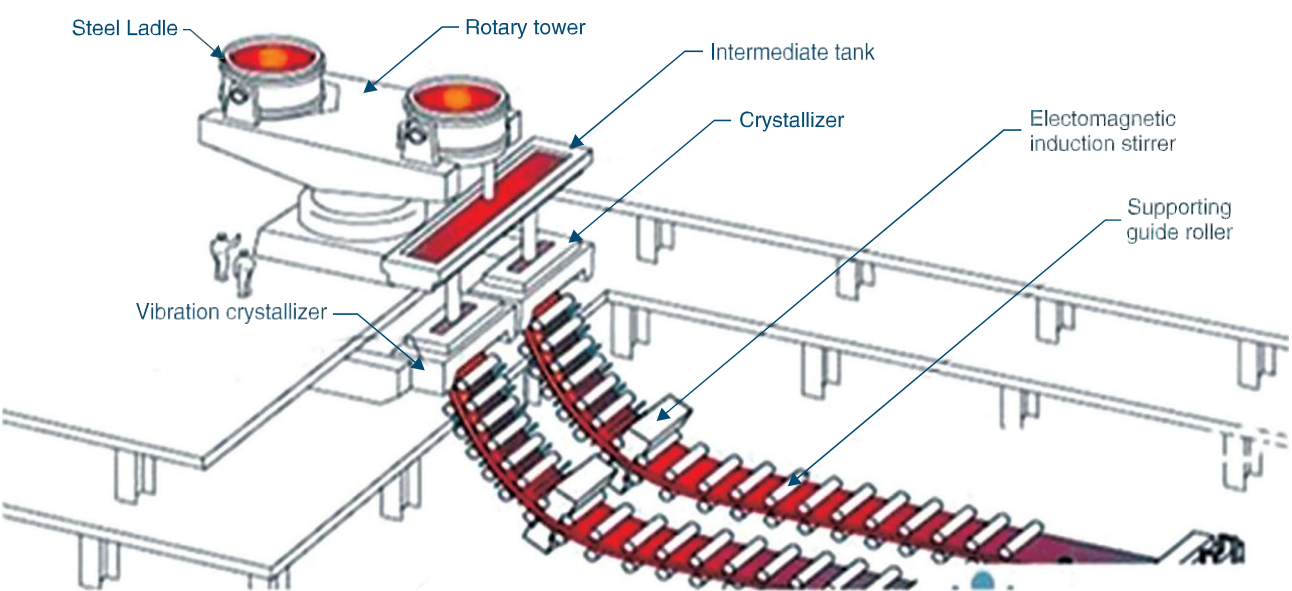


天津亿坤国际贸易有限公司
Tianjin EKun International Trade Co., Ltd

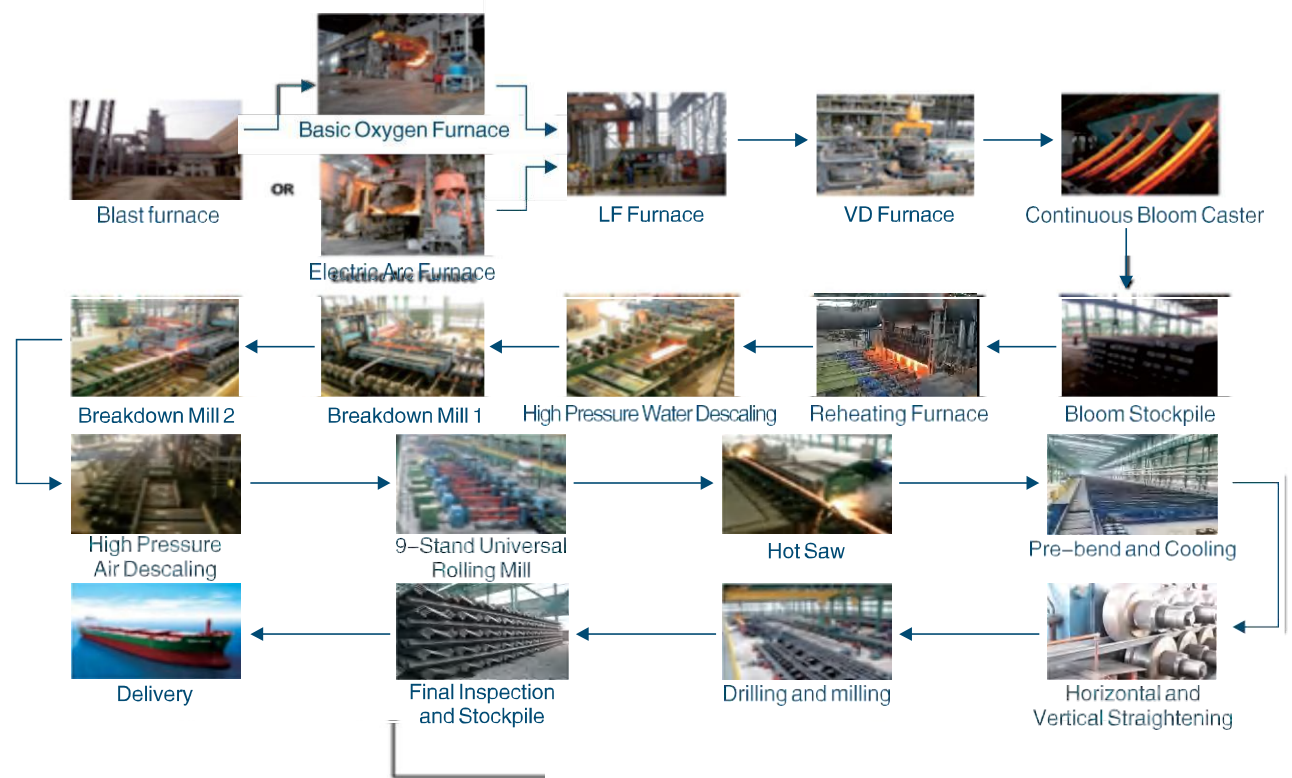
Sheet Pile Rolling Line



Continuous Casting Process Chart



Production Process Chart

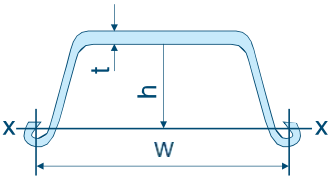


Product introduction
and detailed parameters

Product introduction

Asian Standard Steel Sheet Pile

				Per piece				Face per meter of Pile wall width			
Section	Width mm (In)	Height mm (In)	Plate thickness mm (In)	Section area cm ² (In ²)	Weight kg/m (lbs/ft)	Sineria moment cm ³ /m (In ³ /ft)	Ssection modulus cm ³ /m (In ³ /ft)	Section area cm ² (In ²)	Weight kg/m ² (lbs/ft)	Sineria moment cm ³ /m (In ³ /ft)	Ssection modulus cm ³ /m (In ³ /ft)
SPU II	400	100	10.5	61.18	48	1240	152	153	120.1	8740	874
	(15.75)	(3.93)	(0.41)	(9.48)	(32.25)	(9.08)	(2.83)	(23.72)	(24.6)	(64.00)	(16.26)
SPU III	400	125	13.0	76.42	60.0	2220	223	191.0	149.9	16800	1340
	(15.75)	(4.92)	(0.51)	(11.85)	(40.31)	(16.26)	(4.15)	(29.61)	(30.70)	(123.02)	(24.92)
SPU IIIA	400	150	13	76.40	60.0	3060	278	191.0	150.0	22600	1510
	(15.75)	(5.91)	(0.51)	(11.84)	(40.32)	(22.41)	(5.17)	(29.61)	(30.72)	(165.5)	(28.09)
SPU IV	400	170	15.5	96.99	76.1	4670	362	242.5	190.4	38600	2270
	(15.75)	(6.69)	(0.61)	(15.03)	(51.13)	(34.20)	(6.73)	(37.59)	(38.99)	(282.66)	(42.22)
SPU VL	500	200	24.3	133.8	105	7960	520	267.6	210	63000	3150
	(19.68)	(7.87)	(0.95)	(20.74)	(70.55)	(58.29)	(9.67)	(41.48)	(43.01)	(461.34)	(58.59)
SPU VIL	500	225	27.6	153.0	120	11400	680	306.0	240	86000	3820
	(19.68)	(8.86)	(1.08)	(23.72)	(80.63)	(83.48)	(12.65)	(47.43)	(49.15)	(629.77)	(71.05)
SPU IIW (SX10)	600	130	10.3	78.70	61.8	2110	203	131.2	103.0	13000	1000
	(23.62)	(5.12)	(0.40)	(12.20)	(41.52)	(15.45)	(3.78)	(20.34)	(21.09)	(95.20)	(18.60)
SPU IIIW (SX18)	600	180	13.4	103.9	81.6	5220	376	173.2	136.0	32400	1800
	(23.62)	(7.08)	(0.53)	(16.10)	(54.83)	(38.23)	(6.99)	(26.85)	(27.85)	(237.26)	(33.48)
SPU IWW (Sx27)	600	210	18.0	135.3	106	8630	539	225.5	177.0	56700	2700
	(23.62)	(8.26)	(0.71)	(20.97)	(71.23)	(63.20)	(10.03)	(34.95)	(36.25)	(415.21)	(50.22)



		Chemical Composition(%)						
Standard	Grade	C	Si	Mn	P	S	N	CEQ(%)
JISA 5523	SYW295	0.18Max	0.55Max	1.50Max	0.04Max	0.04Max	0.0060Max	0.44Max
	SYW390	0.18Max	0.55Max	1.50Max	0.04Max	0.04Max	0.0060Max	0.45Max
JISA 5528	SY295	—	—	—	0.04Max	0.04Max	—	—
	SY390	—	—	—	0.04Max	0.04Max	—	—

		Mechanical Properties			
Standard	Grade	Yield Point (N/mm ²)	Tensile Strength (N/mm ²)	Elongation (%)	Toughness [(oC)(J)]
JISA 5523	SYW295	295Min	450Min	18Min	43Min
	SYW390	390Min	490Min	16Min	43Min
JISA 5528	SY295	295Min	450Min	18Min	—
	SY390	390Min	490Min	16Min	—

Product introduction

Asian Standard Steel Sheet Pile

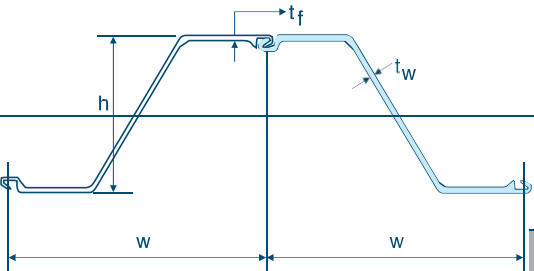
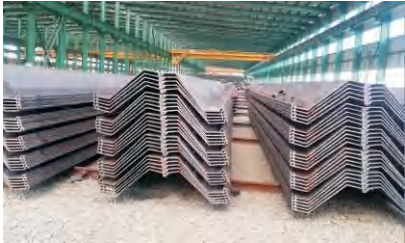
Standard	Grade	C	Si	Mn	P	S	Cu
KS F4604	SY300	—	—	—	0.04Max	0.04Max	0.23–0.55
	SY400	—	—	—	0.04Max	0.04Max	0.23–0.55
	SY300W	0.18Max	≤0.55	1.60Max	0.35Max	0.35Max	0.23–0.55
	SY400W	0.20Max	0.55Max	1.60Max	0.35Max	0.35Max	0.23–0.55

Standard	Grade	Yield Point (N/mm ²)	Tensile Strength (N/mm ²)	Elongation (%)
KS F4604	SY300	300Min	500Min	17Min
	SY400	400Min	550Min	15Min
	SY300W	300Min	500Min	17Min
	SY400W	400Min	550Min	15Min



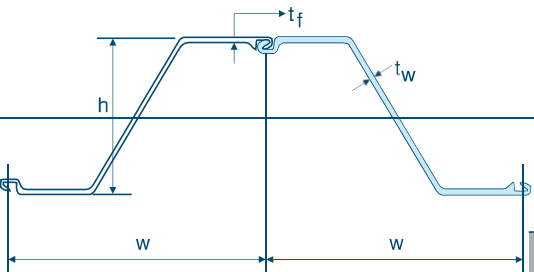
The Z shaped profile presents the following advantages:

- Extremely competitive section modulus
- Economical solution
- Large width resulting in high installation performance
- High tensile strength
- Ideal for permanent structure project



		w		w		Per Single Section			Per Unit of Wall					GR 60	GR 65
	Width (w)	Height (h)	Flange (tf)	Web (tw)	Cross Sec Area(A)	Weight	Coating Area	Cross Sec Area(A)	Weight	Moment of Inertia (Iy)	Elastic Modulus (Sx)	Plastic Modulus (Sx)	Bending Moment (Max)	Bending Moment (Max)	
	mm (in)	mm (in)	mm (in)	mm (in)	cm² in²	kg/m lbs/ft	m²/m ft²/ft	cm²/m in²/ft	kg/cm² lbs/ft²	cm⁴/m in⁴/ft	cm³/m in³/ft	cm³/m in³/ft	kN-m/m kip-ft/ft	kN-m/m kip-ft/ft	
Section	mm (in)	mm (in)	mm (in)	mm (in)	cm² in²	kg/m lbs/ft	m²/m ft²/ft	cm²/m in²/ft	kg/cm² lbs/ft²	cm⁴/m in⁴/ft	cm³/m in³/ft	cm³/m in³/ft	kN-m/m kip-ft/ft	kN-m/m kip-ft/ft	
ZZ12-770	770	343.5	8.6	8.5	92.72	72.8	1.96	120.42	94.5	21,496	1,252	1,488	518	561	
	30.31	13.52	0.339	0.335	14.37	48.92	6.44	5.69	19.35	157.4	23.3	23.3	116.4	126.1	
ZZ13-770	770	344	9.1	9	97.10	76.2	1.96	126.10	99.0	22,433	1,304	1,551	540	585	
	30.31	13.54	0.358	0.354	15.05	51.2	6.44	5.96	20.28	164.3	24.3	24.3	121.3	131.4	
ZZ14-770	770	344.5	9.6	9.5	101.45	79.6	1.96	131.75	103.4	23,370	1,357	1,613	561	608	
	30.31	13.56	0.378	0.375	15.72	53.49	6.44	6.23	21.18	171.1	25.2	25.2	126.2	136.7	
ZZ17-700	700	420	8.5	8.4	93.37	73.3	1.97	133.39	104.7	36,425	1,735	2,032	717	777	
	27.56	16.54	0.335	0.331	14.47	49.25	6.47	6.30	21.44	266.7	32.3	37.8	161.3	174.7	
ZZ18-700	700	420.5	9.1	9	97.77	76.7	1.97	139.67	109.6	38,001	1,807	2,132	748	810	
	27.56	16.56	0.358	0.354	15.15	51.54	6.47	6.60	22.45	278.3	33.6	39.8	168.1	182.1	
ZZ19-700	700	421	9.6	9.5	102.17	80.2	1.97	145.96	114.6	39,578	1,880	2,210	778	843	
	27.56	16.57	0.378	0.375	15.84	53.89	6.47	6.90	23.47	289.8	35.0	41.2	174.9	189.4	
ZZ20-700	700	421.5	10.1	10	106.57	83.7	1.97	152.24	119.5	41,155	1,953	2,304	808	875	
	27.56	16.59	0.398	0.394	16.52	56.24	6.47	7.19	24.48	301.4	36.3	42.9	181.6	196.7	
ZZ24-700	700	459.2	11.3	11.2	122.06	95.8	2.05	174.37	136.9	55,949	2,437	2,875	1,008	1,092	
	27.56	18.08	0.445	0.441	18.92	64.37	6.71	8.24	28.04	409.7	45.3	53.7	226.7	245.5	
ZZ26-700	700	460.2	12.3	12.2	131.18	103.0	2.05	187.40	147.1	59,843	2,601	3,071	1,076	1,166	
	27.56	18.12	0.484	0.480	20.33	69.21	6.72	8.86	30.13	438.2	48.4	57.1	241.9	262.1	

Hot Rolled Z-Pile



Section	w		w		Per Single Section			Per Unit of Wall					GR 60	GR 65
	Width (w)	Height (h)	Flange (tf)	Web (tw)	Cross Sec Area(A)	Weight	Coating Area	Cross Sec Area(A)	Weight	Moment of Inertia (Iy)	Elastic Modulus (Sx)	Plastic Modulus (Sx)	Bending Moment (Max)	Bending Moment (Max)
	mm (in)	mm (in)	mm (in)	mm (in)	cm² in²	kg/m lbs/ft	m²/m ft²/ft	cm²/m in²/ft	kg/cm² lbs/ft²	cm⁴/m in⁴/ft	cm³/m in³/ft	cm³/m in³/ft	kN-m/m kip-ft/ft	kN-m/m kip-ft/ft
ZZ28-700	700	461.2	13.3	13.2	140.30	110.1	2.05	200.43	157.3	63,740	2,764	3,278	1,144	1,239
	27.56	18.16	0.524	0.520	21.75	73.98	6.72	9.47	32.22	466.8	51.4	61.0	257.1	278.5
ZZ36-700	700	499.2	15.1	11.2	151.27	118.7	2.18	216.10	169.6	89,753	3,596	4,151	1,488	1,612
	27.56	19.65	0.594	0.441	23.45	79.76	7.14	10.21	34.74	657.2	66.9	77.3	334.5	362.3
ZZ38-700	700	500.2	16.1	12.2	161.16	126.5	2.18	230.23	180.7	94,984	3,798	4,363	1,571	1,702
	27.56	19.69	0.634	0.480	24.98	85.00	7.14	10.88	37.01	695.6	70.6	81.2	353.2	382.6
ZZ40-700	700	501.2	17.1	13.2	171.06	134.3	2.18	244.37	191.8	100,219	3,999	4,610	1,655	1,792
	27.56	19.73	0.673	0.520	26.51	90.24	7.15	11.55	39.28	733.9	74.4	85.8	372.0	402.9
ZZ42-700	700	499.2	18.1	14	182.12	143.0	2.17	260.17	204.2	105,543	4,228	4,882	1,749	1,895
	27.56	19.65	0.713	0.551	28.23	96.09	7.11	12.29	41.82	772.9	78.7	90.9	393.3	426.0
ZZ44-700	700	500.2	19.1	15	192.02	150.7	2.17	274.31	215.3	110,942	4,436	5,096	1,835	1,988
	27.56	19.69	0.752	0.591	29.76	101.26	7.11	12.96	44.10	812.4	82.5	94.8	412.6	446.9
ZZ46-700	700	501.2	20.1	16	201.93	158.5	2.17	288.47	225.6	116,159	4,635	5,343	1,918	2,077
	27.56	19.73	0.791	0.630	31.30	106.51	7.11	13.63	46.21	850.6	86.2	99.4	431.1	467.0
ZZ48-700	700	503.2	22.1	15	202.99	159.3	2.17	289.99	227.6	120,467	4,788	5,528	1,981	2,146
	27.56	19.81	0.870	0.591	31.46	107.04	7.11	13.70	46.62	882.2	89.1	102.9	445.3	482.4
ZZ50-700	700	504.2	23.1	16	212.41	166.7	2.17	303.44	238.2	125,358	4,973	5,713	2,057	2,229
	27.56	19.85	0.909	0.630	32.92	112.02	7.11	14.34	48.79	918.0	92.5	106.3	462.5	501.0
ZZ52-700	700	505.2	24.1	17	222.07	174.3	2.17	317.24	249.0	130,403	5,162	5,951	2,136	2,314
	27.56	19.89	0.949	0.669	34.42	117.12	7.11	14.99	51.00	954.9	96.0	110.7	480.2	520.2

Hot Rolled Z-Pile

Product introduction

Hot Rolled ZPile

SECTION		S=Single pile D=Double Pile	Sectional Area cm ²	Mass kg/m	Moment of Inertia cm ⁴	Elastic section modulus cm ³	Radius of gyration cm	Coating area cm ² /m
ZZ12-770		Per S	92.72	72.8	16550	960	13.36	1.96
		Per D	185.44	145.6	33105	1925	13.36	3.92
		Per m of Wall	120.42	94.5	21496	1252	13.36	2.55
ZZ13-770		Per S	97.10	76.2	17270	1010	13.34	1.96
		Per D	194.20	152.4	34545	2010	13.34	3.92
		Per m of Wall	126.10	99.0	22433	1304	13.34	2.55
ZZ14-770		Per S	101.45	79.6	18000	1050	13.32	1.96
		Per D	202.90	159.3	35990	2090	13.32	3.92
		Per m of Wall	131.75	103.4	23370	1357	13.32	2.55
ZZ17-700		Per S	93.37	73.3	25500	1220	16.5	1.97
		Per D	186.74	146.6	50995	2430	16.5	3.95
		Per m of Wall	133.39	104.7	36425	1735	16.5	2.82
ZZ18-700		Per S	97.77	76.7	26600	1270	16.49	1.97
		Per D	195.54	153.5	53200	2530	16.49	3.95
		Per m of Wall	139.67	109.6	38001	1807	16.49	2.82
ZZ19-700		Per S	102.17	80.2	27710	1320	16.44	1.97
		Per D	204.34	160.4	55410	2630	16.44	3.95
		Per m of Wall	145.96	114.6	39578	1880	16.44	2.82
ZZ20-700		Per S	106.57	83.7	28810	1370	16.41	1.97
		Per D	213.14	167.3	57615	2735	16.41	3.95
		Per m of Wall	152.24	119.5	41155	1953	16.41	2.82
ZZ24-700		Per S	122.06	95.8	39170	1710	17.91	2.05
		Per D	244.12	191.6	78330	3410	17.91	4.09
		Per m of Wall	174.37	136.9	55949	2437	17.91	2.92
ZZ26-700		Per S	131.18	103.0	41890	1820	17.87	2.05
		Per D	262.36	206.0	83780	3640	17.87	4.09
		Per m of Wall	187.40	147.1	59843	2601	17.87	2.92
ZZ28-700		Per S	140.30	110.1	44620	1940	17.83	2.05
		Per D	280.60	220.3	89235	3870	17.83	4.09
		Per m of Wall	200.43	157.3	63740	2764	17.83	2.92

Hot Rolled ZPile

SECTION		S=Single pile D=Double Pile	Sectional Area cm ²	Mass kg/m	Moment of Inertia cm ⁴	Elastic section modulus cm ³	Radius of gyration cm	Coating area cm ² /m
ZZ36-700		Per S	151.27	118.7	62830	2520	20.38	2.18
		Per D	302.54	237.5	125655	5035	20.38	4.35
		Per m of Wall	216.10	169.6	89753	3596	20.38	3.11
ZZ38-700		Per S	161.16	126.5	66490	2660	20.31	2.18
		Per D	322.32	253.0	132980	5315	20.31	4.35
		Per m of Wall	230.23	180.7	94984	3798	20.31	3.11
ZZ40-700		Per S	171.06	134.3	70150	2800	20.25	2.18
		Per D	342.12	268.6	140305	5600	20.25	4.35
		Per m of Wall	244.37	191.8	100219	3999	20.25	3.11
ZZ42-700		Per S	182.12	143.0	73880	2960	20.14	2.17
		Per D	364.24	285.9	147760	5920	20.14	4.33
		Per m of Wall	260.17	204.2	105543	4228	20.14	3.10
ZZ44-700		Per S	192.02	150.7	77660	3110	20.09	2.17
		Per D	384.04	301.5	155320	6210	20.09	4.33
		Per m of Wall	274.31	215.3	110942	4436	20.09	3.10
ZZ46-700		Per S	201.93	158.5	81310	3250	20.04	2.17
		Per D	403.86	317.0	162625	6490	20.04	4.33
		Per m of Wall	288.47	226.5	116159	4635	20.04	3.10
ZZ48-700		Per S	202.99	159.3	84330	3350	20.37	2.17
		Per D	405.98	318.7	168655	6705	20.37	4.34
		Per m of Wall	289.99	227.6	120467	4788	20.37	3.10
ZZ50-700		Per S	212.41	166.7	87750	3480	20.32	2.17
		Per D	424.82	333.5	175500	6960	20.32	4.34
		Per m of Wall	303.44	238.2	125358	4973	20.32	3.10
ZZ52-700		Per S	222.07	174.3	91280	3610	20.27	2.17
		Per D	444.14	348.6	182565	7225	20.27	4.34
		Per m of Wall	317.24	249.0	130403	5162	20.27	3.10



Product introduction

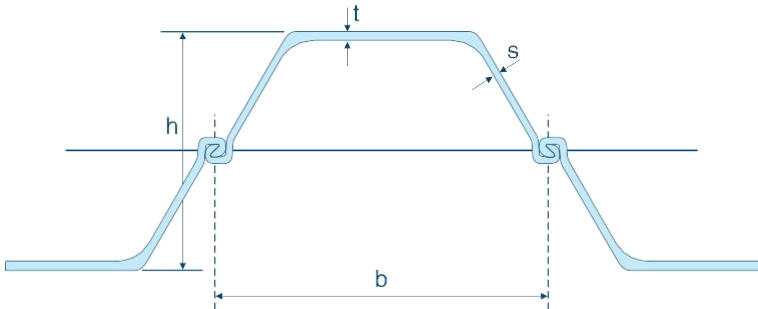
STEEL SHEET PILING

Product introduction

European Standard U Pile

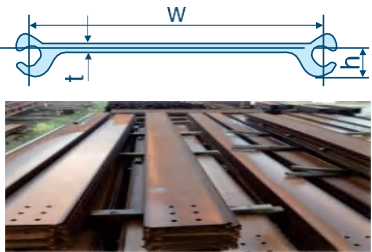
U shaped sheet piles have been used extensively in both permanent and temporary works throughout the world. U-shaped piles have multiple advantages:

- Wide range of selections in terms of geometrical characteristics, widening the choice of economically optimized profiles for particular project
- Great aptitude for repetitive use
- Wide range of section modulus, suitable for various type of construction purpose
- Service-proven to many type of projects such as permanent structures, temporary earth-retaining works and temporary cofferdams, etc.



SIZE	Active width b mm	Active height h mm	Plate thickness mm		Sectional Area cm ² /m	Mass		Moment Of Inertia Cm ⁴ /m	Elastic Section Modulus Cm ³ /m	Static Moment Cm ³ /m	Plastic Section Modulus Cm ³ /m
			t	s		Single pile kg/m	Wall kg/m				
ZU601	600	310	7.5	6.4	98.3	46.3	77.2	11530	744	432	864
ZU602	600	310	8.2	8.0	113.3	53.4	89.0	12870	830	482	964
ZU603	600	310	9.7	8.2	138.3	64.8	108.0	18600	1200	650	1300
ZU607	600	452	19.0	10.6	241.7	114.0	190.0	72320	3200	1810	3620
ZU16	600	430	10.2	8.4	154.2	72.6	121.0	35950	1670	980	1988
ZU18	600	430	11.2	9.0	163.3	76.9	128.2	38650	1800	1055	2134
ZU19	600	430	12.2	9.5	172.3	81.1	135.2	41320	1920	1125	2280
ZU20	600	450	11.1	9.0	173.9	81.9	136.5	46380	2060	1195	2422
ZU22	600	450	12.1	9.5	182.9	86.1	143.6	49460	2200	1275	2580
ZU23	600	450	13.1	10.0	192.0	90.4	150.7	52510	2335	1355	2735
ZU26	600	452	14.2	9.7	206.8	97.4	162.3	60580	2680	1525	3087
ZU28	600	454	15.2	10.1	216.1	101.8	169.6	64460	2840	1620	3269
ZU30	600	456	16.2	10.5	225.6	106.2	177.1	68380	3000	1710	3450
ZU25-750	750	450	14.5	10.2	188	110.4	147.2	56240	2500	1420	2866

Straight Web Sections



Straight Web sheet piles are designed to form cylindrical structures, generally closed, retaining a soil backfill, and are mostly used on projects where rock layers are close to ground level, where the excavation depth is very important or where anchoring would be difficult or even impossible.

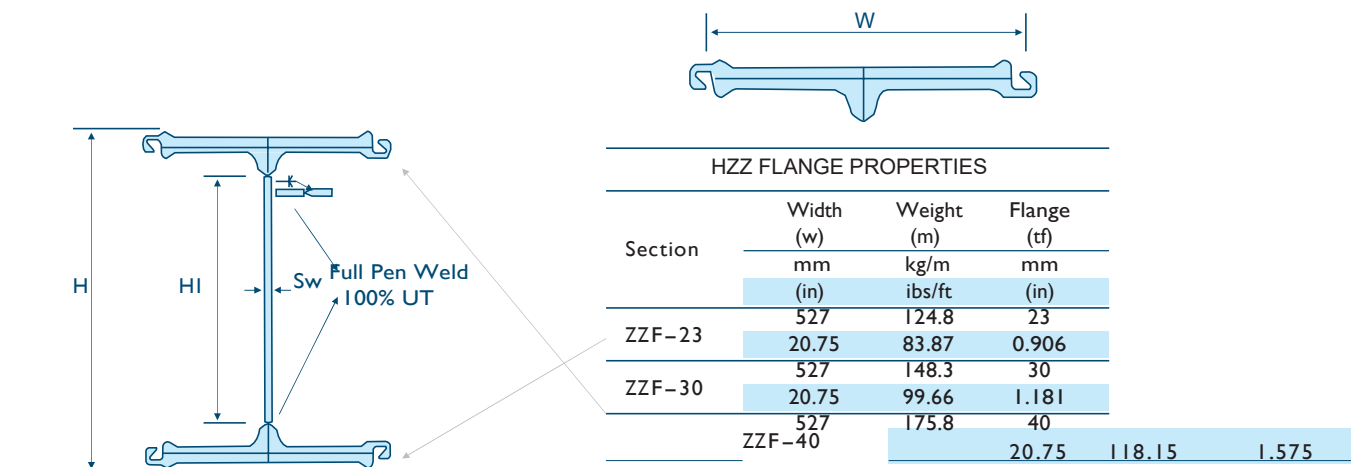
Material Specification						
Section	Width mm (In)	Height mm (In)	Weight Per Wall kg/m ² (lbs/ft ²)	Weight Per Pile kg/m (lbs/ft)	Moment of inertia Single Pile cm ⁴ /m (In ⁴ /ft)	Section Modulus Single Pile cm ³ /m (In ³ /ft)
SWP 9.5	500	9.5	128	63.8	168	46
	(19.68)	(0.37)	(26.22)	(42.87)	(1.23)	(0.86)
SWP 11	500	11.0	141	70.6	186	49
	(19.68)	(0.43)	(28.88)	(47.44)	(1.36)	(0.91)
SWP 12	500	12.0	149	74.3	196	51
	(19.68)	(0.47)	(30.52)	(49.92)	(1.44)	(0.95)
SWP 12.5	500	12.5	153	76.3	201	51
	(19.68)	(0.49)	(31.33)	(51.27)	(1.47)	(0.95)
SWP 12.7	500	12.7	154	77.1	204	51
	(19.68)	(0.50)	(31.54)	(51.81)	(1.49)	(0.95)

Chemical Composition(% Max)						
Section	C	Mn	Si	P	S	N
S240GP	0.25	–	–	0.055	0.055	0.011
S270GP	0.27	–	–	0.055	0.055	0.011
S320GP	0.27	1.70	0.60	0.055	0.055	0.011
S355GP	0.27	1.70	0.60	0.055	0.055	0.011
S390GP	0.27	1.70	0.60	0.050	0.050	0.011
S430GP	0.27	1.70	0.60	0.050	0.050	0.011
S460AP	0.27	1.70	0.60	0.050	0.050	0.011

Mechanical Properties(MINI)			
Section	Yield strength N/mm ²	Tensile strength N/mm ²	Elongation %
S240GP	240	340	26
S270GP	270	410	24
S320GP	320	440	23
S355GP	355	480	22
S390GP	390	490	20
S430GP	430	510	19

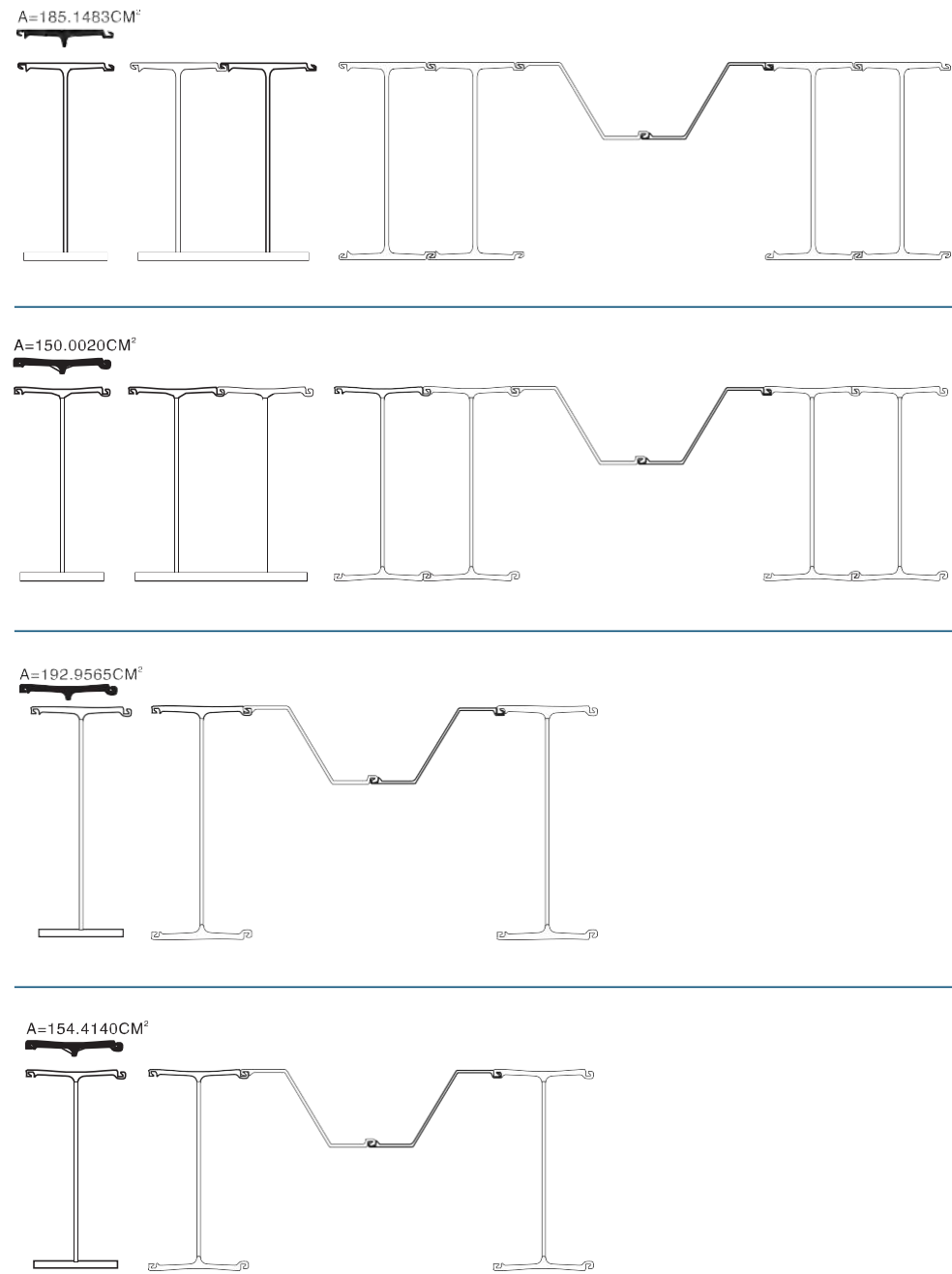
Product introduction

HZZ SYSTEM

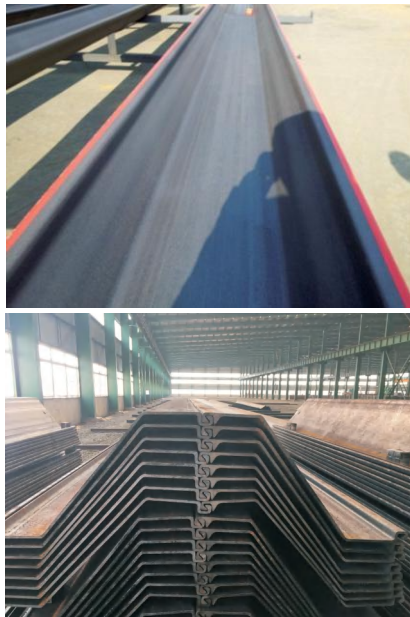


HZZ BEAM PROPERTIES				Per Single Section				Coating Area	
Section	Height (h)	Height (h)	Thick (h)	Cross Area (a)	Sec Weight (m)	Elastic Modulus (y-y)	Moment of Inertia (y-y)	Waterside Surface (A')	Landside Surface (A'')
	mm (in)	mm (in)	mm (in)	cm ² (in ²)	kg/m (lbs/ft)	cm ⁴ (in ⁴)	cm ⁴ (in ⁴)	m ² /m (ft ² /ft)	m ² /m (ft ² /ft)
HZZ 2323A	780	610	14	403.5	316.8	11,235	437,041	0.58	2.91
	30.70	24.00	0.55	62.5	212.9	686	10,500	1.89	9.53
HZZ 2323B	860	690	15	414.7	325.6	12,712	545,379	0.58	3.07
	33.90	27.20	0.59	64.3	218.8	776	13,103	1.89	10.06
HZZ 2323C	940	770	15	433.7	340.4	14,303	670,789	0.58	3.23
	37.00	30.30	0.59	67.2	228.8	873	16,116	1.89	10.58
HZZ 2323D	1000	840	15	443.2	347.9	15,541	778,350	0.58	3.35
	39.40	33.10	0.59	68.7	233.8	948	18,700	1.89	11.00
HZZ 2323E	1060	900	16	461.2	362.1	16,840	893,968	0.58	3.47
	41.70	35.40	0.63	71.5	243.3	1,028	21,478	1.89	11.39
HZZ 3023A	980	810	16	477.8	375.1	15,515	804,737	0.58	3.30
	38.60	31.90	0.63	74.1	252.1	947	19,334	1.89	10.83
HZZ 3023B	1060	890	17	499.6	392.2	17,277	967,185	0.58	3.46
	41.70	35.00	0.67	77.4	263.5	1,054	23,237	1.89	11.36
HZZ 3023C	1092	932.2	18	523.9	411.2	18,246	1,050,707	0.58	3.55
	43.00	36.70	0.71	81.2	276.3	1,113	25,243	1.89	11.63
HZZ 3023D	1160	990	19	536.6	421.2	19,717	1,203,656	0.58	3.66
	45.70	39.00	0.75	83.2	283.0	1,203	28,918	1.89	12.01
HZZ 4023A	980	810	18	529.3	415.5	16,098	882,041	0.57	3.30
	38.60	31.90	0.71	82.0	279.2	982	21,191	1.87	10.83
HZZ 4023B	1060	890	19	552.6	433.8	17,959	1,059,814	0.57	3.46
	41.70	35.00	0.75	85.7	291.5	1,096	25,462	1.87	11.36
HZZ 4023C	1092	932.2	21	577.3	453.2	18,959	1,147,310	0.57	3.55
	43.00	36.70	0.83	89.5	304.5	1,157	27,564	1.87	11.63
HZZ 4023D	1160	990	21	591.6	464.4	20,546	1,318,215	0.57	3.66
	45.70	39.00	0.83	91.7	312.1	1,254	31,670	1.87	12.01
HZZ 4030A	980	810	18	559.3	439.0	18,494	962,364	0.57	3.30
	38.60	31.90	0.71	86.7	295.0	1,129	23,121	1.87	10.82
HZZ 4030B	1060	890	19	582.6	457.4	20,542	1,153,584	0.57	3.46
	41.70	35.00	0.75	90.3	307.3	1,254	27,715	1.87	11.35
HZZ 4030C	1092	932.2	21	607.5	476.9	21,616	1,248,176	0.57	3.54
	43.00	36.70	0.83	94.2	320.4	1,319	29,988	1.87	11.62
HZZ 4030D	1160	990	21	621.6	488.0	23,350	1,429,957	0.57	3.66
	45.70	39.00	0.83	96.4	327.9	1424.9	34,355	1.87	12.00

HZZ SYSTEM



Adding value services



project presentations

Pile Project



Pile Project



Pile Project



Project Presentations

STEEL SHEET PILING



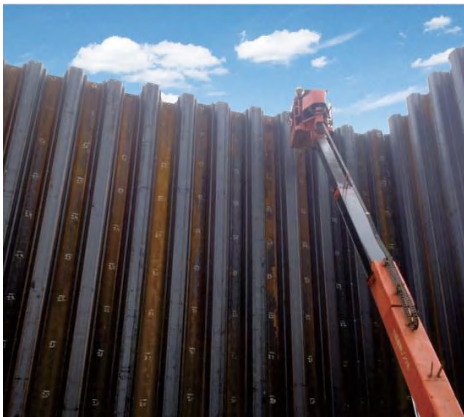
Pile Project



Pile Project



Pile Project



Project Presentations
STEEL SHEET PILING

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