

# CHANGSHU YE LU SING FIRM

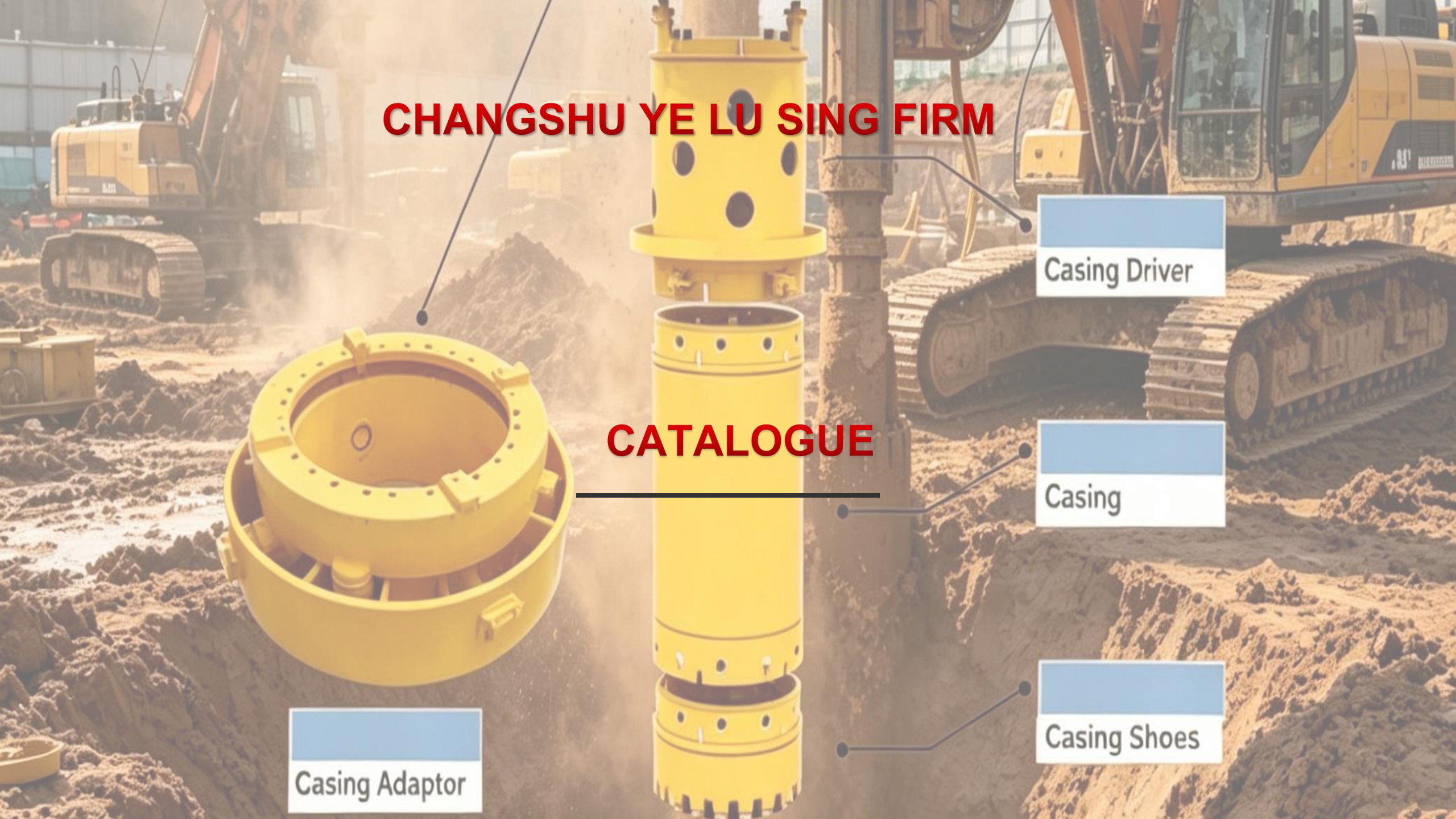
## CATALOGUE

Casing Driver

Casing

Casing Shoes

Casing Adaptor



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# COMPANY PROFILE



## Specialized Manufacturing

CHANGSHU YE LU SING FIRM is specialized in manufacturing high-quality rotary drilling casings for foundation piling projects, delivering reliable solutions that meet the rigorous standards of the construction industry.



## Superior Performance & Durability

Our casings are engineered to provide maximum rigidity and durability, ensuring stability and longevity even in the most challenging and complex ground conditions encountered in modern foundation engineering.

Committed to excellence in every stage of production, we combine precision engineering with premium materials to deliver products that exceed client expectations and stand the test of time.

# PRODUCT OVERVIEW



## BOREHOLE PROTECTION

Rotary drilling casing serves as a robust physical barrier, effectively protecting the borehole wall from collapse during the entire drilling operation. It prevents soil sloughing and maintains the structural integrity of the excavation, eliminating risks associated with unstable hole walls.



## ADAPTABILITY

It is indispensable in challenging ground conditions such as soft soil, loose sand layers, and water-rich strata. The casing isolates the borehole from surrounding unstable formations, ensuring safe and uninterrupted drilling even in the most geologically complex environments.



## PRECISION GUIDANCE

Beyond protection, the casing acts as a precise guide for drilling tools, ensuring they follow the intended vertical or directional path. This guarantees accurate pile placement and alignment, which is critical for the load-bearing capacity and stability of the final foundation structure.

**KEY BENEFIT:** Enhances construction safety, efficiency, and structural reliability in all foundation engineering projects.

# TECHNICAL SPECIFICATIONS

## Single Row Casing Specifications

Casing Diameter (D1/D2)	Wall t1 (mm)	Casing t3 (mm)	Flights (n)	1m (kg)	2m (kg)	3m (kg)	4m (kg)	5m (kg)	6m (kg)
800 / 720	20	40	8	518	870	1222	1574	1926	2278
980 / 880	20	40	8	653	1122	1403	1807	2491	2675
1180 / 1080	25	40	10	879	1499	2041	2411	2927	2930
1280 / 1180	25	40	10	751	1259	1677	2275	2783	5058
1380 / 1280	25	40	12	829	1389	1949	2609	3369	3629
1480 / 1380	25	40	12	905	1515	2125	2735	3345	3955
1600 / 1500	25	40	12	983	1647	2130	2933	3636	4299
1800 / 1700	50	50	12	1230	1944	2658	3372	4086	4800

**HIGH-STRENGTH STEEL MATERIAL**

Constructed from premium Q345B or Q235B steel, ensuring superior tensile strength and resistance to deformation under extreme geological pressures.

# TECHNICAL SPECIFICATIONS

## Double Wall Single/Double Row Casing Specifications

Casing Diameter (D1/D2)	Outer Barrel t1 (mm)	Inner Barrel t2 (mm)	Casing t3 (mm)	No. of Flights	1m (kg)	2m (kg)	3m (kg)	4m (kg)	5m (kg)	6m (kg)
620 / 540	12	8	40	10	403	739	1074	1411	1747	2081
750 / 670	12	8	40	10	492	902	1311	1722	2131	2540
880 / 800	12	8	40	10	585	1069	1552	2036	2520	3005
1000 / 920	12	8	40	10	669	1221	1773	2326	2877	3429
1180 / 1100	16	8	40	12	844	1560	2316	3052	3787	4522
1200 / 1120	12	8	40	12	872	1620	2367	3120	3870	4620
1300 / 1220	16	8	40	12	933	1726	2538	3372	4184	4995
1500 / 1400	20	10	50	12	1235	2485	3717	5009	6291	7593

**HIGH-STRENGTH STEEL MATERIAL**

Constructed from premium Q345B or Q235B steel, ensuring superior tensile strength and resistance to deformation under extreme geological pressures.

# PRODUCT ADVANTAGES



## High Rigidity & Strength

Exceptional structural integrity ensures anti-deformation performance even under extreme heavy loads and harsh working conditions.



## Efficient Interlock Design

Precision-engineered interlock system enables quick and secure connections, significantly reducing installation time and labor costs.



## Superior Sealing Performance

Advanced sealing technology effectively prevents slurry leakage, maintaining stability in boreholes and protecting surrounding soil structures.



## Durable Wear-Resistant Casing Shoes

Constructed with high-grade wear-resistant materials, the casing shoes minimize abrasion during operation, ensuring an extended service life and reducing maintenance frequency for cost-effectiveness.



## Tailored Customization Options

We offer fully customizable sizes and lengths to meet the specific requirements of diverse construction projects, ensuring perfect compatibility with unique site conditions and operational needs.

# ACCESSORIES

## CASING ADAPTOR

SANY, XCMG ,

SUNWARD,BAUER,

ALL MODELS OF THOSE BRAND

WE CAN PRODUCE

YE LU SING



# ACCESSORIES



## CASING DRIVER

**SANY, XCMG ,**

**SUNWARD,BAUER,**

**ALL MODELS OF THOSE BRAND**

**WE CAN PRODUCE**

# CASING SHOES

## ACCESSORIES

### Long Version & Short version Technical Parameters

D1/D2	H1	H2	W(kg)	H3	H4	W(kg)	t4	Teeth
620/540	1186	954	590	586	354	339	40	16
750/670	1186	954	725	586	354	418	40	16
880/800	1186	954	855	586	354	491	40	18
1000/920	1186	954	975	586	354	560	40	18
1180/1100	1186	954	1160	586	354	665	40	20
1200/1120	1186	954	1177	586	354	677	40	20
1300/1220	1186	954	1356	586	354	733	40	24
1500/1400	1321	969	2005	721	369	1340	50	30
1800/1700	1321	969	2420	721	369	1618	50	36
2000/1880	1402	1002	3290	802	402	2350	60	36
2200/2080	1402	1002	3640	802	402	2580	60	40
2300/2380	1402	1002	4110	802	402	2850	60	46

# CASING spare parts

## ACCESSORIES

we can offer all spare parts of casing



**casing couple**



**casing joint**



**casing tooth**

# APPLICATIONS



## Bridge Pile Foundation

Robust support for critical bridge infrastructure, ensuring stability across waterways, valleys, and high-traffic corridors.



## High-Rise Foundations

Deep, load-bearing solutions for skyscrapers and complex urban developments, mitigating settlement risks in dense environments.



## Metro & Underground

Precision engineering for tunnels, stations, and subterranean networks, adapting to confined urban spaces and variable soil.



## Offshore Piling Projects

Engineered for marine environments, providing durable foundations for ports, jetties, wind farms, and coastal protection structures against harsh ocean conditions.



## Deep Foundation Engineering

Advanced techniques for challenging subsurface conditions, including bored piles and contiguous walls, ensuring structural integrity in geologically complex areas.

# CONTACT US

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