



DEFINING FRONTIERS

산업 혁신의 경계를 정의하다: 표면처리 솔루션의 새로운 기준

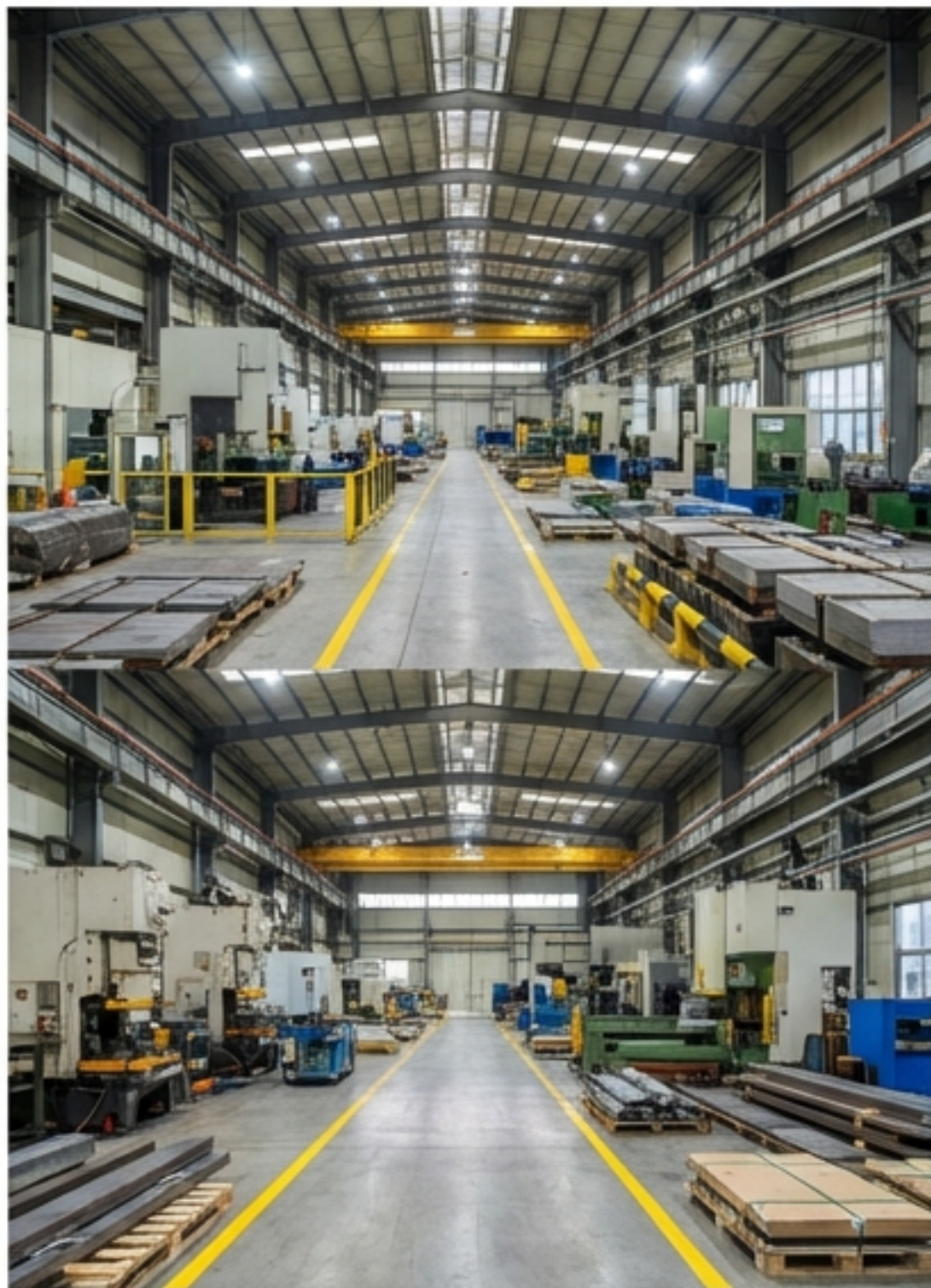
DF TECH Corporate Profile & Product Catalog

Total Solution Provider

고객 가치 창출을
최우선으로,
지속 가능한
제조·무역 솔루션을
제공합니다.



Uncompromising Quality & Infrastructure (가공 및 테스트 장비)



알멘 스트립 측정기



인장 시험기



어빈 피로 수명 시험기



진동 스크린 선별기



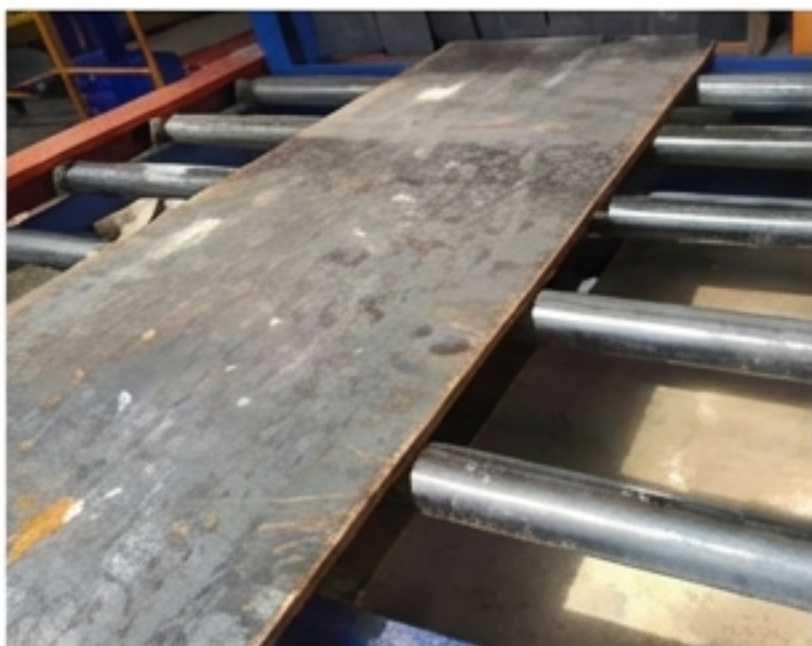
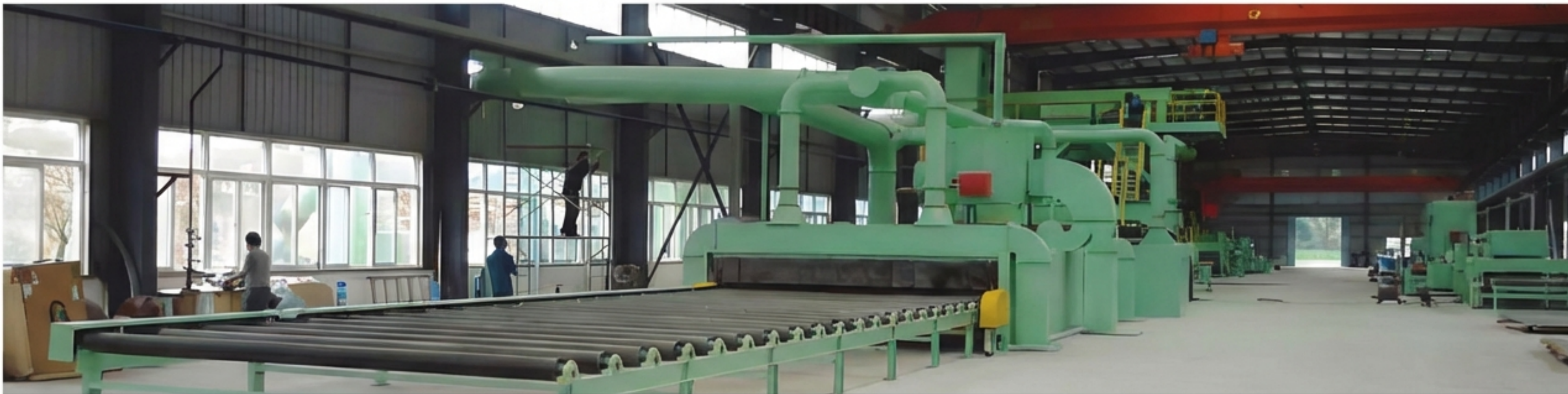
마이크로 비커스 경도계



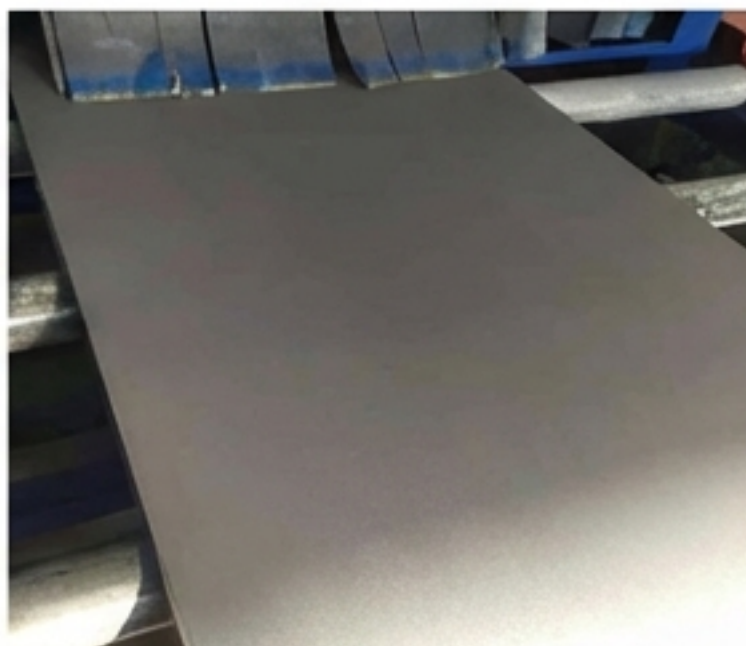
샤르피 충격 시험기

철저한 QC
및 국제 규격
준수를 위한
첨단 계측
시스템 보유.

Steel Plate Preservation Lines (강판 전처리 라인)



쇼트 전



쇼트 후

Key Specifications

Key Specifications	
Surface Quality	A-B Sa2.5 (GB8923-88/ISO8501)
Roughness (표면조도)	Ra20-75
Painting Thickness	15-40 μm
Drying Temp	40-70°C

- 조선, 철 구조물, 차량, 교량 등 대형 산업 분야 적용
- 강판의 내식성과 접착력 향상 및 공정 시간 단축

Roller Conveyor Type (롤러 컨베이어 쇼트기계)



- **Target Materials:** H-Beam, Steel Plates, Angles, Pipes
- **Key Feature:** Pitless Design Available (기초 공사 없이 설치 가능하여 공간 제약이 적고 유지보수 용이)
- **Impact:** 구조물의 전면과 측면, 하부 등 전체 표면을 다방향에서 강력하게 타격

Recommended For



H-Beam



Construction
Crane

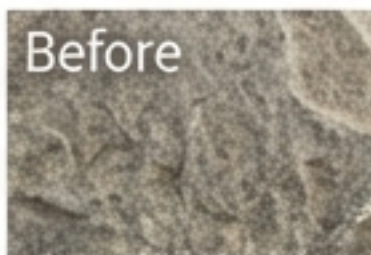


Delicate Continuous Processing (메쉬벨트 & 와이어벨트)

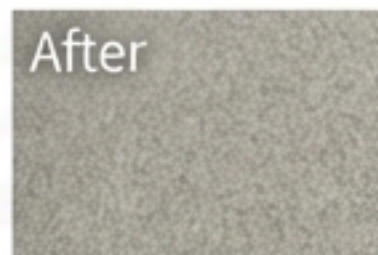


Mesh Belt Type

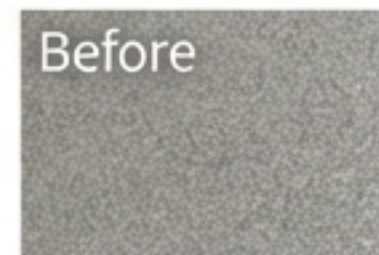
메쉬벨트 타입: 얇은 주물, 다이캐스팅, 세라믹 등 충격에 약한 부품 전용.



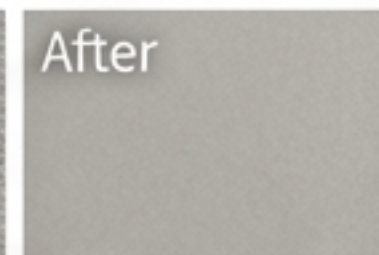
쇼트 작업 전



쇼트 작업 후



쇼트 작업 전



쇼트 작업 후



Belt Conveyor Type

벨트 컨베이어 타입: 소형 부품의 연속 처리에 최적화.

작업물 간 충돌 없이 자동 연속 처리되어 파손 위험 최소화

Wire, Bar & Rod Solutions (철근·선재·원형봉 전용 쇼트기계)



Acid-Free Descaling
(산세 공정 없이도
녹, 스케일, 기름때 제거 가능)

- 환경 오염 방지
- 내부 응력 제거 및 피로강도 개선
- 후속 도장 및 코팅 품질 확보



쇼트 전 (Before Shot)



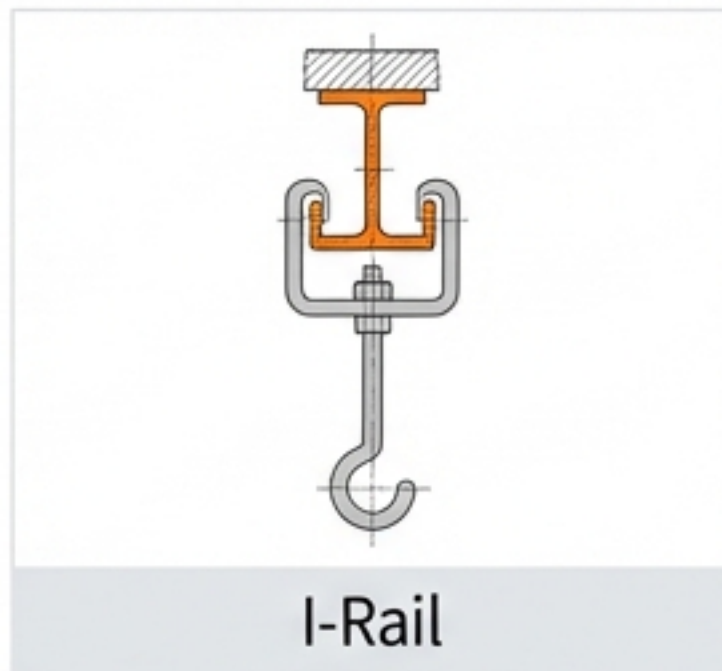
쇼트 후 (After Shot)

Pipe Internal & External Blasting (강관 내&외부 검용 쇼트기계)

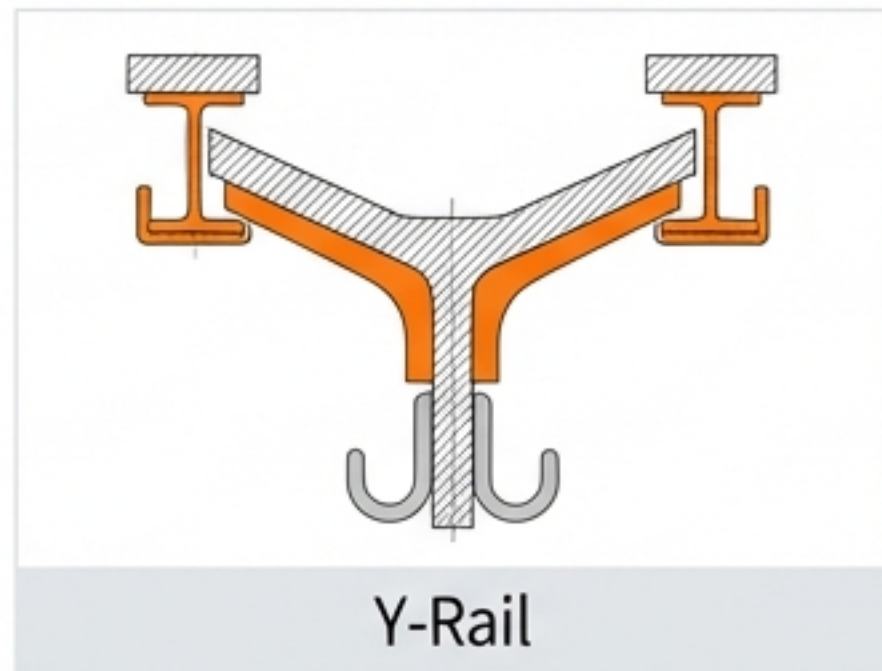
- Purpose: Oil/Gas pipes, Structural pipes
- Effect: 도료의 접착력 증대 및 배관 수명 연장
- Dual Action: 녹, 용접 슬래그, 산화피막 완벽 제거



Hanger Type for Complex Geometries (행거타입 쇼트기계)



I-Rail



Y-Rail

- **Mechanism:** Parts hung on hooks, rotating 360 degrees.
- **Ideal For:** Castings, forgings, welded parts (주조품, 단조품, 용접 부품)
- **Configurations:** Single Hook (I-Rail) / Dual Hook (Y-Rail)

사각지대 없는 360도 완벽한 표면 처리

Automated Logistics: Trolley Type (트롤리 타입 쇼트기계)



Continuous (연속식):
Non-stop flow

Intermittent (간헐식):
Stop-and-go precision

Batch (적재식):
Bulk processing

대량 주조 및 단조 부품의 표면 처리에 최적화된 자동화 솔루션

Batch Tumble Systems: Apron Type (에이프런 쇼트기계)

Standard Rubber Belt



For general small parts.

Heavy Duty Steel Apron



Load capacity up to
1400kg (DF-15GN)

For heavy castings & hot parts.



Specialized Batch: Turntable & Drum (턴테이블 / 드럼)

Turntable Type



Rotates flat or fragile parts.
Ideal for Die-cast parts & Glass molds.

Drum Type



Thorough mixing for small precision parts.
Hydraulic tilting for easy unloading.

Integrated Cell Systems (무진동 셀 쇼트기계)

Innovation

- De-sanding (Core removal) + Shot Blasting combined.

Benefit

- 복잡한 셀 제거 작업을 간소화하고 인건비 절감

Target

- Large foundry companies (대형 셀 주조 기업)



Stone & Concrete Texturing (석재 쇼트 기계)



Before (Smooth)



After (Textured)



- Purpose** Aesthetic finishing and Non-slip texturing (미끄럼 방지 및 입체감 형성)
- Material** Marble, Granite, Artificial stone, Concrete blocks
- Tech** Auto-adjustment via Inverter control

Large-Scale Sand Blasting Rooms (샌드 블라스팅 룸)



Components:

- Blast Room, Abrasive Recovery System, Dust Collection.

Key Feature:

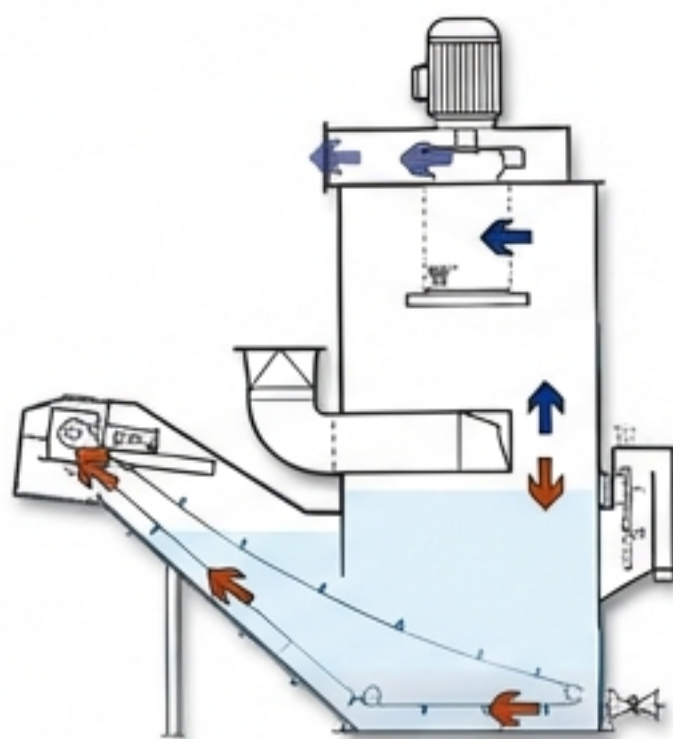
- Pitless Option Available (No deep excavation needed).

Applications:

- Ship blocks, Tanks, Heavy steel structures.

Environmental Control Systems (집진기)

Wet Dust Collector (습식)



- Uses water swirl.
- Safe for explosive dusts (Al/Mg).

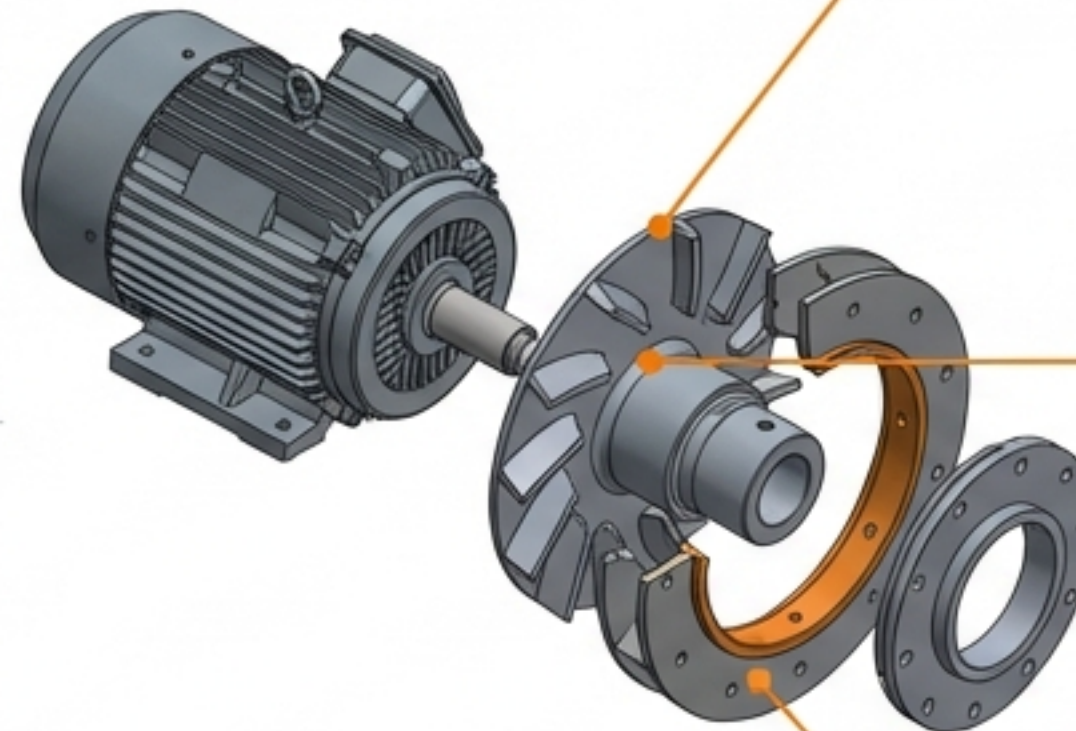
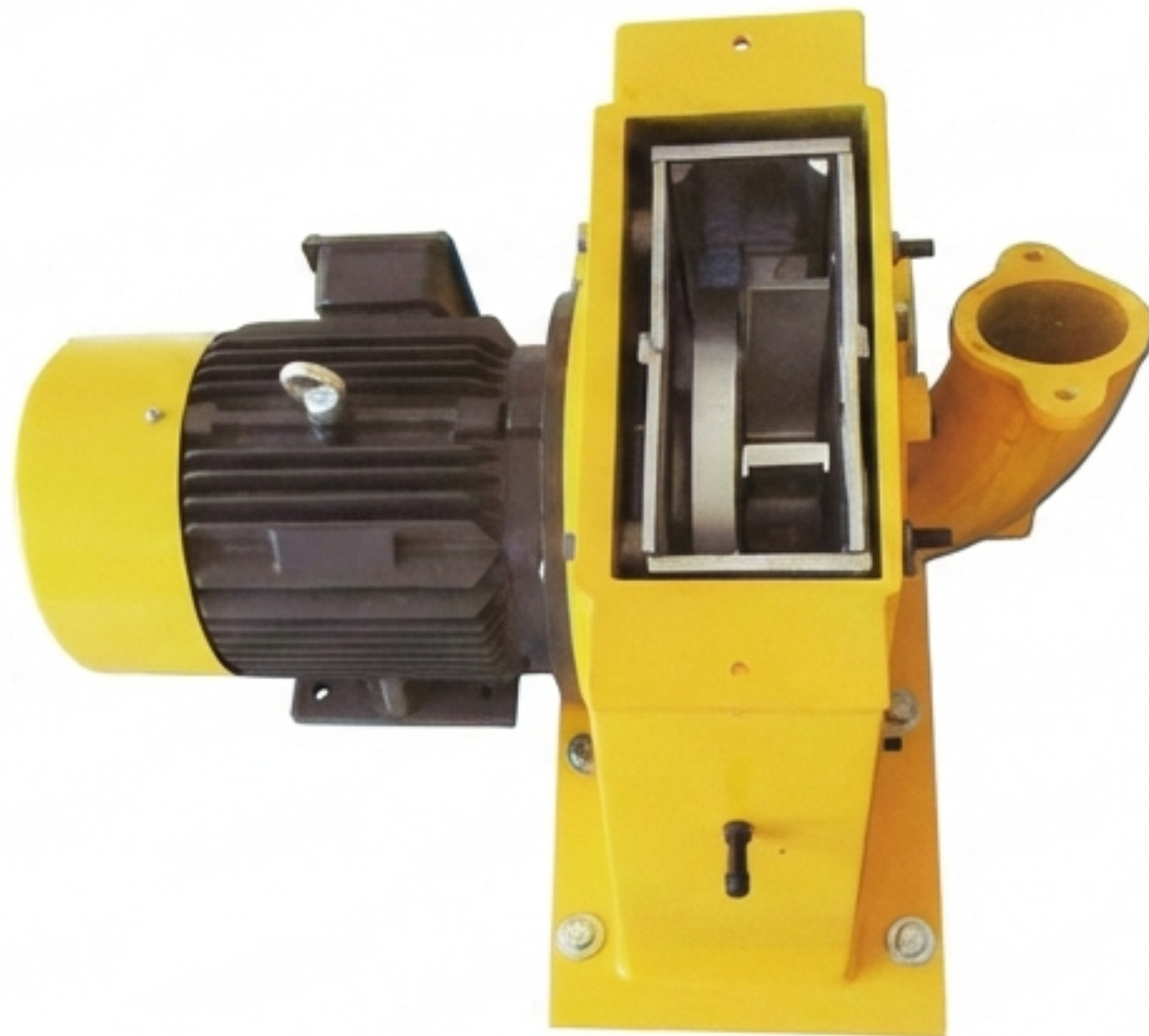
Dry Dust Collector (건식)



- High filtration area.
- Cartridge & Bag types available.

**99.9% filtration efficiency complying
with environmental regulations.**

Core Technology: High-Efficiency Impellers (고효율 임펠러)



Precision Control:

Adjustable projection angle and speed.

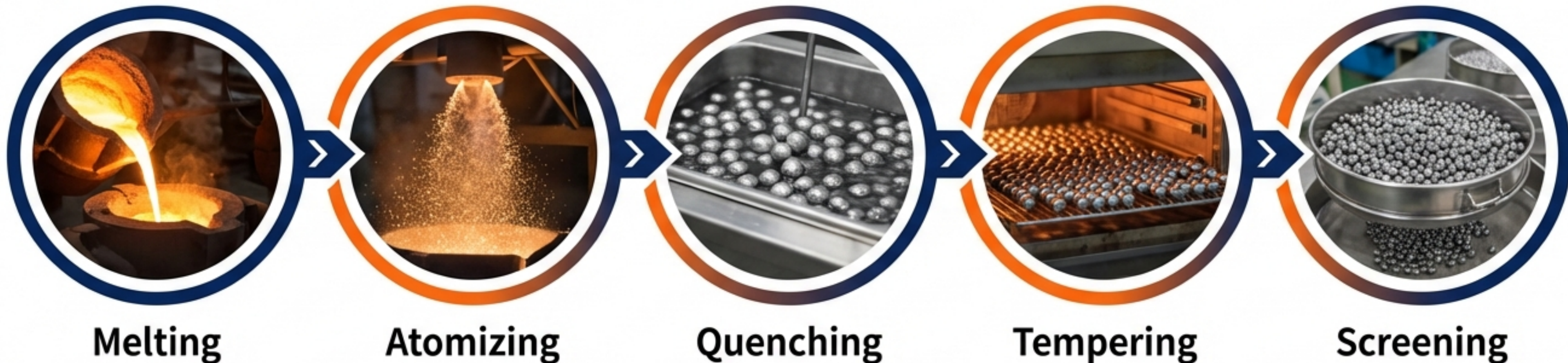
Direct Drive:

Maximizes energy transfer.

Durability:

Wear-resistant liners and blades.

Premium Consumables: Shot Balls (쇼트볼)



Grade	Chemical Composition	Hardness
S	C: 0.85-1.20% Si: 0.40-1.20% Mn: 0.60-1.20%	HRC 40-50

Strict quality control ensuring durability and uniform impact.

Partner with the Standard (성공적인 제조산업의 협력자)



Automotive Manufacturers

Automotive manufacturers and automotive industry partners.



Shipbuilding & Marine Engineering

Shipbuilding & Marine Engineering for heavy industry.



Heavy Machinery Constructors

Heavy Machinery Constructors and construction industries.



Aerospace Industries

Aerospace Industries and aerospace industries.



Energy & Power Generation

Energy & power generation and energy industry partners.



Steel & Metal Processing

Steel & Metal processing for new industry partners.

Call to Action: DF TECH의 기술로
귀사의 현장을 혁신하십시오.

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