

MOLITEC

Molitec's products
that store clean
and interactive part
genes,

WELCOME TO MOLITEC

the Company's dependence on technology and creative power
used as a prime driver

**Molitec Steel Mexico, S.A. de C.V.'s
Business Development in Mexico**

Company profile (MOLITEC STEEL CO., LTD.)

Company Name	MOLITEC STEEL CO., LTD. (Japan)
Established	May, 1943
Incorporated	November, 1950
Representatives	Takashi Kado, President
Capital	1,848 Million YEN (as of March, 2019)
Annual Sales Turnover	Consolidated : 29,300 Million YEN (for fiscal 2019)
Stock market	Listed on the Tokyo Stock Exchange, 1st Section
Business	<ul style="list-style-type: none">• Processing & Sale of Cold Rolled Special Steel Strips, Stainless Steel Strips, and Various Steel Strips• Manufacture & Sale of Various Machinery Tools• Manufacture & Sale of Various Steel Parts• Manufacture & Sale of Plastic Products & Parts• Import & Export of Various Merchandise
Employees	603 (as of March, 2022)



Molitec Steel Mexico, S.A. de C.V.

Principal business items and features

Supplying Steel Materials, Heat Treated Products and Press worked Products
Upstream to Downstream with Integrated Processing System

- **Business items of Commercial Sales Division** (商事部門) Special Steel, Mild Steel, Stainless Steel, Hardened and Tempered Steel
- **Business items of Manufacturing division** (製造部門) Sheet Metal Manufacturing
Parts for Automobile, Electric Appliance
Farming Machine, Cord Reel,
Component units



Metal material

Polished special steel strip、Special steel hot-rolled steel sheet、Steel strip みがき特殊帯鋼、特殊鋼熱延鋼板・鋼帯

- ◆ Carbon steel and carbon steel for machine structural use
炭素鋼および機械構造用炭素鋼 S15CM～S60CM、など
- ◆ Carbon tool steels 炭素工具鋼 SK95M～SK85M、など
- ◆ Alloy tool steel 合金工具鋼 SKS5M、SKS51M、*NKS32、*NKS56など
- ◆ Nickel-chromium-molybdenum steel ニッケルクロムモリブデン鋼 SNCM220M、SNCM415Mなど
- ◆ Spring steel ばね鋼 SUP3、SUP6M、SUP10Mなど
- ◆ Chromium steel, nickel chromium steel, chromium molybdenum steel, manganese steel
クロム鋼、ニッケルクロム鋼、クロムモリブデン鋼、マンガン鋼
SCM415M、SCM435M、SCM440M など

Spring stainless steel strip, cold rolled stainless steel strip ばね用ステンレス鋼帯、冷間圧延ステンレス鋼帯

- ◆ austenitic オーステナイト系 SUS301、SUS304、SUS310S、SUS316など
- ◆ Ferrite system フェライト系 SUS430など
- ◆ Martensitic マルテンサイト系 SUS410、SUS420J2など
- ◆ Precipitation hardening 析出硬化系 SUS631、SUS632、*NSSHT1770など
- ◆ Two-phase tissue system 二相組織系 NSS431DP1、*NSS431DP2

Cold-rolled steel plate, steel strip, polished steel strip 冷間圧延鋼板・鋼帯、みがき帯鋼

- ◆ SPCC、SPCD、SPCE、NMC、NMD、NME、NM1H、NM2H、NSAH540など

Hot rolled steel plate, steel strip 熱間圧延鋼板・鋼帯

- ◆ SPHC、SPHD、SPHE、SAPH、SPFH、

Zinc plating steel sheet, color steel plate, aluminum-plated steel plate, * ZAM etc. 亜鉛めっき鋼板、カラー鋼板、アルミめっき鋼板、*ZAMなど

Major Customers

● Major Customers of Manufacturing Business

Press Worked Products (製造部門)

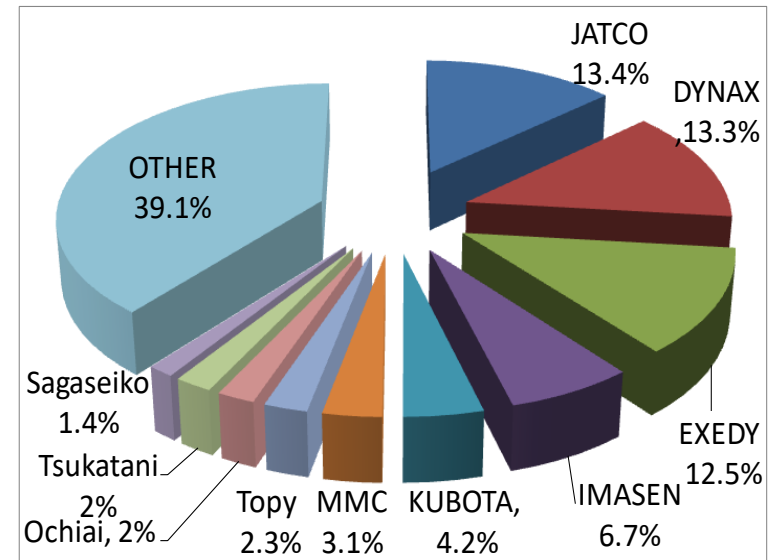
JATCO Ltd

Mitsubishi Motors Corporation

Kubota Corporation

DAIHATSU MOTOR CO., LTD.

AISIN SEIKI Co., Ltd. MFTBC MHI FHI



● Major Customers of Hardened and Tempered Steel Business

(商事部門)

EXEDY Corporation

Dynax Corporation

Imasen Electric Industrial Co., Ltd.

Ochiai Co., Ltd.

Tsukatani Hamono Mfg. Co., Ltd. Toyo Seat Co., Ltd. Panasonic Corporation

Sales Composition (Fiscal year ended March)

Sales share by Division (部門別)

Heat Treated
Material Division
焼入鋼帯
5.4%



Press Work
Division
鈑金加工
24.9%

Commercial
Division
商事部門
58.7%

Overseas
Operations
海外事業
11.0%



Sales Share by Application (業種別)



Farming
5.9%

Others
7.8%

Blade
6.2%

Electric
Appliance
6.4%



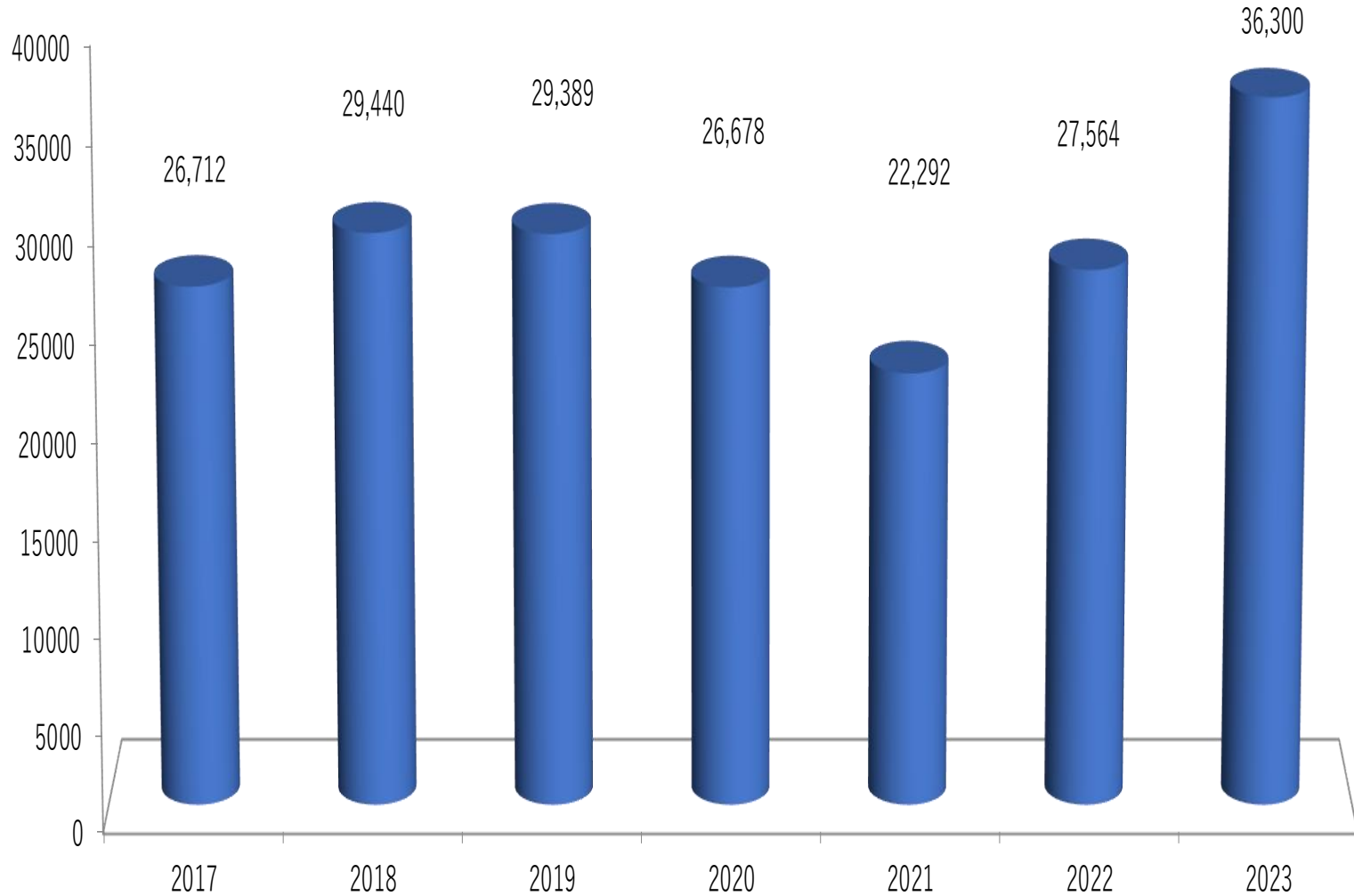
Automobile
Industry
74.0%



Company financial performance of Molitec Steel Co., Ltd.

Sales Amount 売上高

Million Yen



Domestic Location Office and Works (Japan)

KEI·HAN·NA (京·阪·奈)

Kyoto·Osaka·Nara (京都·大阪·奈良)



Completed Date at the end of November 2016

▼ Keihanna R&D Center

▼ Head Office (Tanimachi 6-chome, Chuo-ku, Osaka)

▼ Osaka Sales Department

▼ Overseas Enterprise Dept.

▼ Hiroshima Sales Office

▼ Kyusyu Business Offices

▼ Hokkaido Sales Office

▼ Tohoku Sales Office

▼ Utsunomiya Works

▼ Tokyo Coil Center
(Distribution Base)

▼ Tokyo Branch

▼ Nagoya Branch

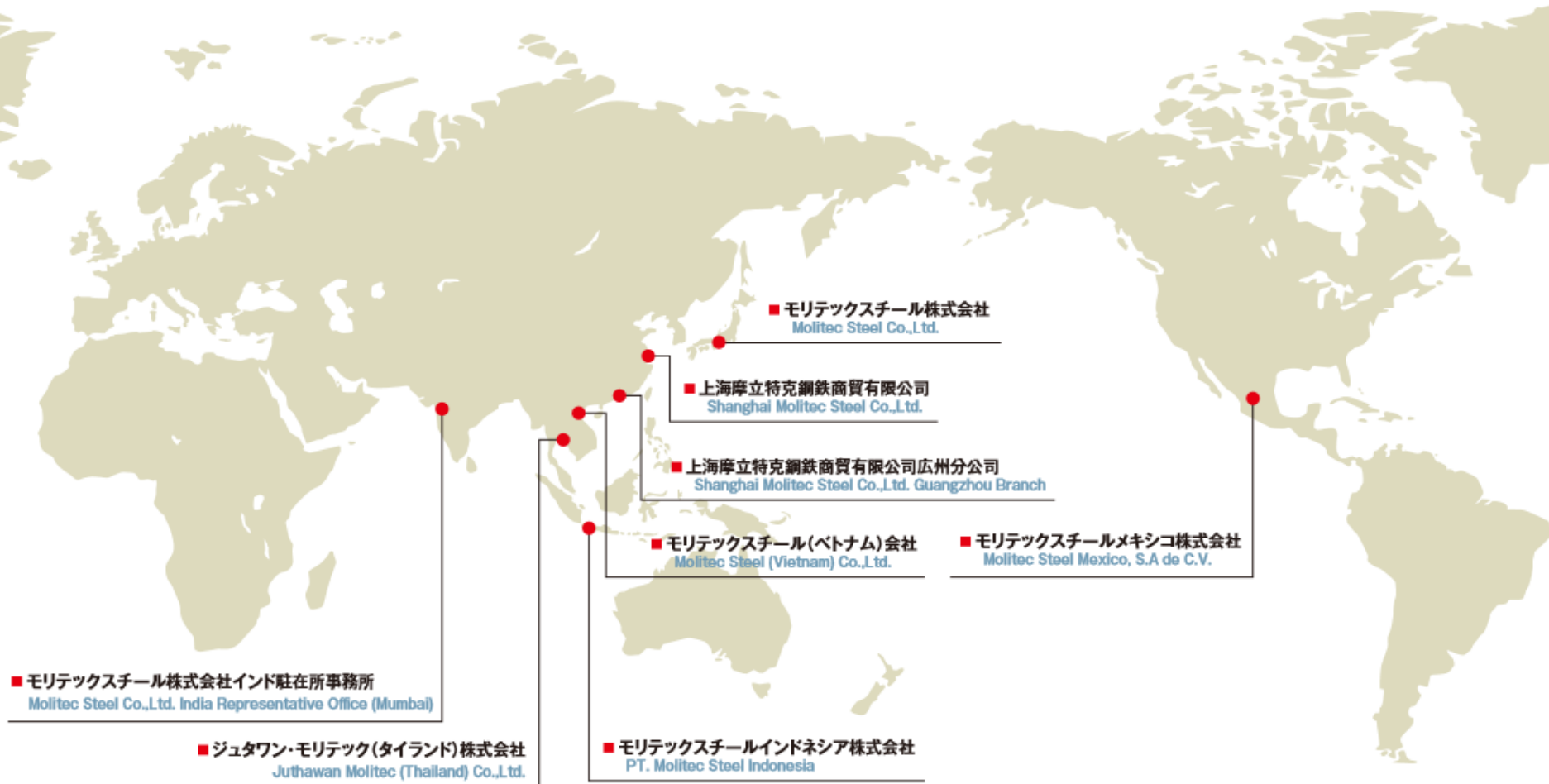
▼ Mie Oyamada Works

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Molitec Steel Mexico, S.A. de C.V.

Global Operation of Molitec Steel Co., Ltd.

戦略的なグローバル事業展開を始動させるモリテックスチールグループ
Molitec Steel Group Starts-Up Strategic Global Business Development



Overseas bases & Contents of Business

海外拠点と事業内容

Overseas bases & Contents of Business

	海外拠点/Overseas bases	事業内容/Business Lineup	
生産・販売拠点/Production・Sales Companies	Juthawan Molitec (Thailand) Co.,Ltd. Head Office and Factory 150/67 Moo9, Tambon, Nongkham, Amphur, Sriracha, Chonburi, 20110, Thailand	金属加工品製造 (主に自動車部品製造) 鋼材販売 Manufacturing of press worked products (mainly automobile parts manufacturing) Sales of steel materials	本社、工場(No.2ピントン工業団地) CVT・AT部品(キャリアASSY等)の生産販売 生産設備 60t～630tプレス Head office and Factory(No2.Pinthong Industrial Estate) Production base of parts for CVT & AT (Carrier assembly & etc.) Production equipment from 60t to 630t press
	PT. Molitec Steel Indonesia ALLIANZ TOWER LT.29 Unit C&D J.L.HR.Pasuna Said Superblok 2 Guntur Setiabudi Jakarta Selatan 12980 Indonesia	鋼材販売(金属加工品製造を計画) Sales of steel materials (manufacturing of press worked products is planned)	デルタシリコン工業団地に工場用地確保済 Land for factory is secured in Delta Silicon Industrial Park
	Molitec Steel (Vietnam) Co.,Ltd. Head Office Unit 110, 1st Fl., Sun Red River Building, 23 Phan Chu Trinh, Phan Chu Trinh Ward, Hoan Kiem district, Hanoi, Vietnam Factory Factory E, Road B2, Section B, Pho Noi A IP, Lac Hong Commune, Van Lam Dist., Hung Yen Province, Vietnam	鋼材販売 スリット加工 Sales of steel materials, slitting operation	鋼材スリット加工 加工能力 Steel Slitting Capability
	Molitec Steel Mexico, S.A de C.V. Circuito Progreso No.118 Parque Industrial De Logistica Automotriz Aguascalientes, Ags., C.P.20340, Mexico	金属加工品製造 鋼材販売 Manufacturing of press worked products Sales of steel materials	ミニスリッター 板厚0.2～2.3mm x 幅6～450mm Mini slitter thickness 0.2-2.3mm Width6-450mm 中型スリッター 板厚0.3～3.2mm x 幅250～1460mm Mid slitter thickness 0.3-3.2mm Width250-1460mm
販売拠点/Sales Base	Shanghai Molitec Steel Co.,Ltd. Zhao Yi Techno Park East 306, No.18 Tianshan Road, Shanghai, 200336, China	上海 鋼材販売 Shanghai, Sales of steel materials	 
	Shanghai Molitec Steel Co.,Ltd. Guangzhou Branch V-51,47thFloor,One link International Centre,No.230 Tianhe Road, Tianhe District, 510000,Guangzhou, China	広州 鋼材販売 Guangzhou, Sales of steel materials	
	Molitec Steel Co.,Ltd. India Representative Office(Mumbai) 229 Princess Street, Cooper Building, 4th Floor, Mumbai-400 002. (INDIA)	鋼材販売 Sales of steel materials	

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Molitec Steel Mexico, S.A. de C.V.

Molitec Steel Mexico, S.A. de C.V. Business Development in Mexico

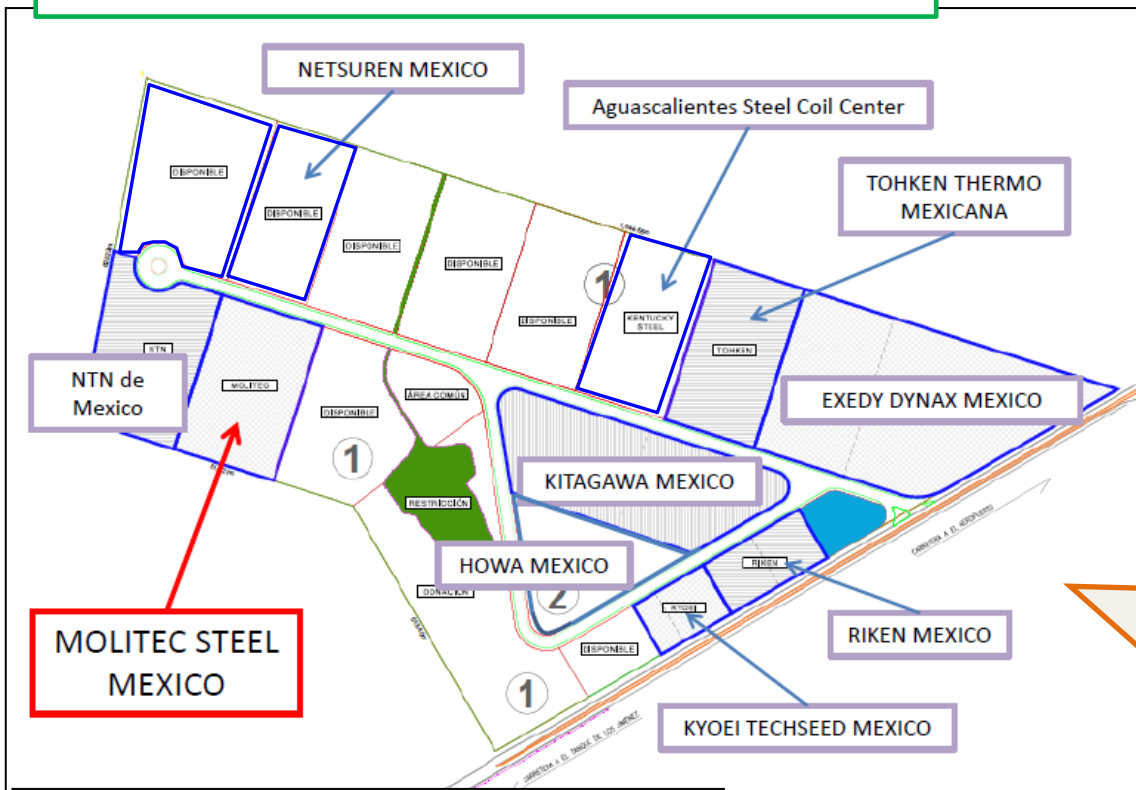


- Name: Molitec Steel Mexico, S.A. de C.V.
- Abbreviation name: MSM
- Capital: MXN \$266,000,000.-
- Employee: 60 in 2018, 100 in 2019 including posted 3 Japanese
- Location: Aguascalientes
- Factory Location : PILA Lot-11
- Land Area Size: 43,853.257m², Factory Building: 8,398.2 m²
- **Corporate Establishment: March 1, 2013**
- **Production Starts: December 2014**
- Contact Address: Circuito Progreso No.118,Parque Industrial de Logistica Automotoriz Aguascalientes, Ags.,C.P. 20340 Mexico



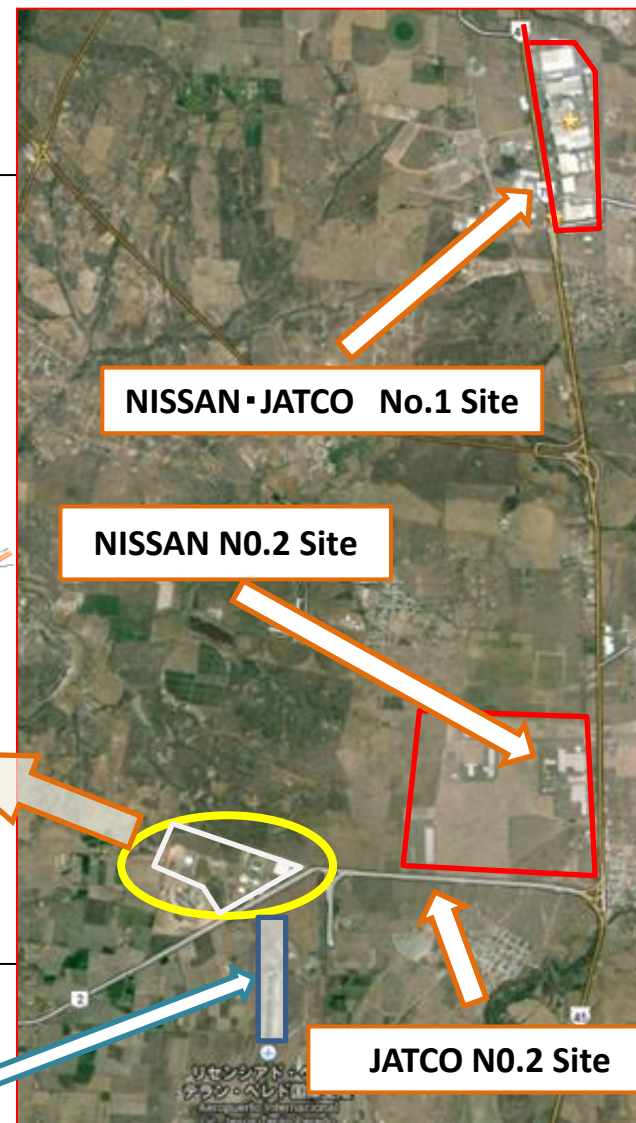
PILA (Industrial Park)

自動車産業ロジスティック工業団地

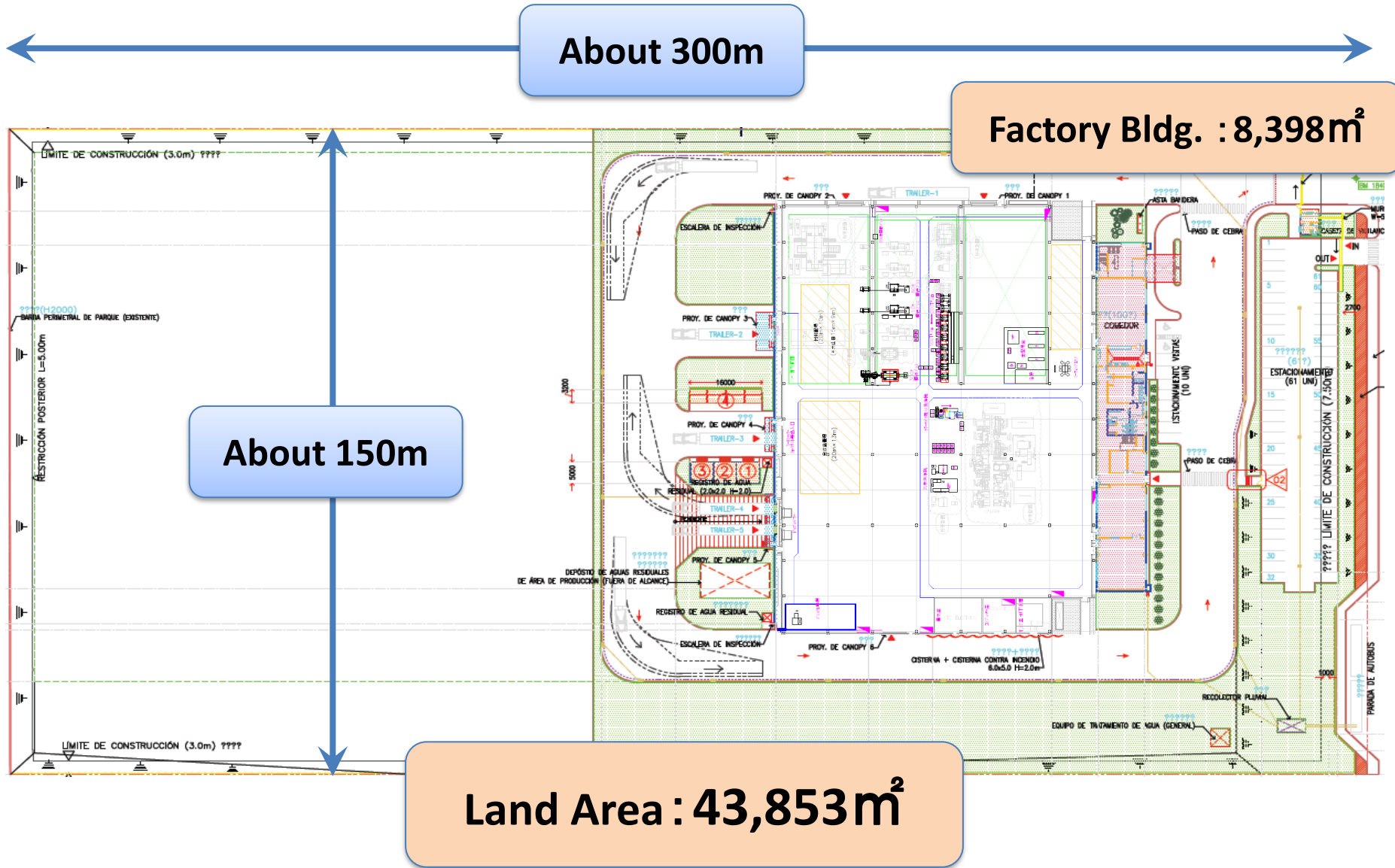


Factory Area 6,500 m²
 Total Floor Area 8,400 m²
 Total Land Area 44,000 m²

Aguascalientes Airport

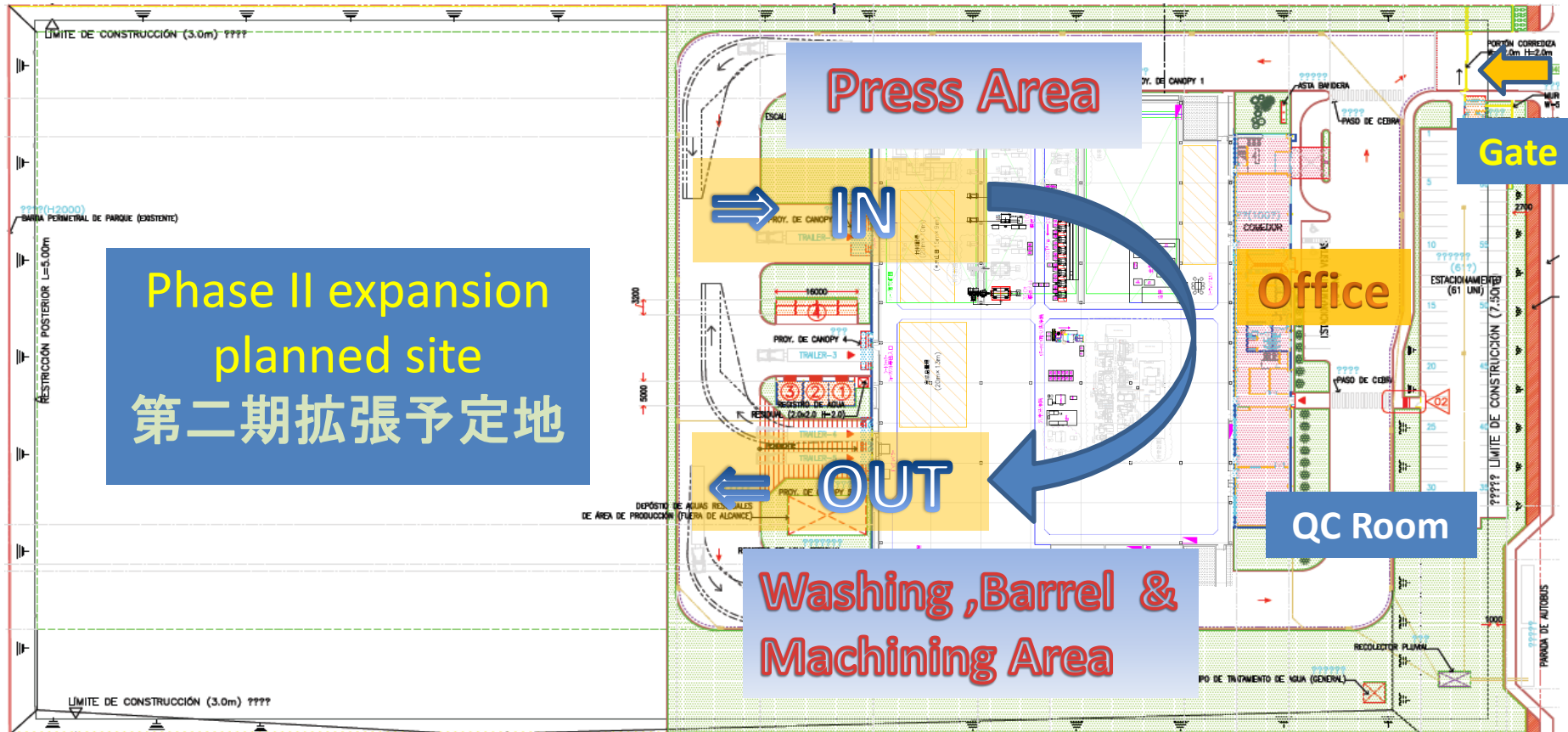


MSM Plant Layout 1



MSM Plant Layout 2

Factory Area 6,500 m²
Total Floor Area 8,400 m²
Total Land Area 44,000 m²



MSM Factory Equipment

1. 300T progressive press (1pc)

AIDA
(Oyamada track record)
Service: MEXICO



2. 110T progressive press (1pc)

AIDA
(Oyamada track record)
Service: MEXICO



3. 80T progressive press (1pc)

AMADA
(Servo first adoption)
Service: Mexico



4. 200T Single press (2pc) 5. 110T Single Press (7pc)

SEYI
(TAIWAN first adoption)
Service: USA (MEXICO in
the future)



Washing machines in general

6. 350T Hydraulic cold forging (1pc)

MORI IRON WORKS
(Hydraulic first
adoption)
Service: JAPAN



7. 200T Singre Press (4pc)

Komatsu Industries
(Oyamada track record)
Service: MEXICO



8. Pres Transfer Robot (4pc)

Amada Orii Co.LTD
(Oyamada track record)
Service: MEXICO



MSM Factory Equipment

9. CNC 2 SPINDLE (1pc)

TAKAMAZ MACHINERY
(Oyamada track record)

Service : MEXICO



10. Washing and Inspection for Shield Balance (1pc)

TAKAHASHI METAL & UNI GIKEN
(Oyamada track record)

Service : JAPAN



11. Washing machines in general (1pc)

Japan Field
(Oyamada track record)

Service : JAPAN



12. Spot Welding (1pc)

DENGENSGA TOA
(Oyamada track record)

Service : MEXICO



13. Shot Brast (1pc)

Fuji S/S For Jig Part
(Oyamada track record)

Service : JAPAN



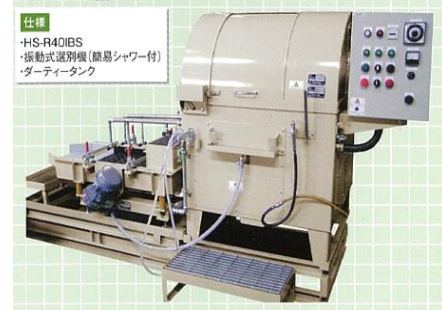
14. Centrifugal barrel machine (1pc)

TIPTON
(Oyamada track record)

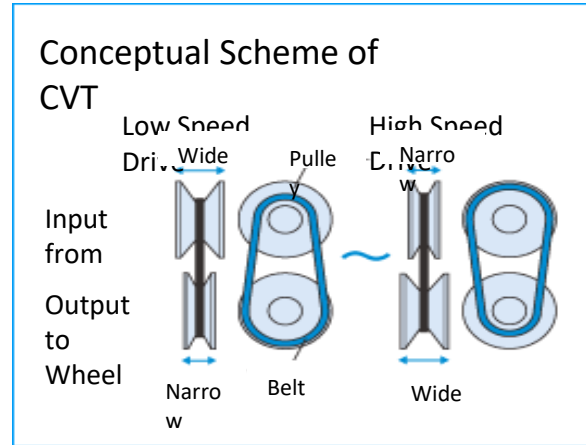
Service : JAPAN

HS-R40LY 型

- 仕様
- ・HS-R40IBS
 - ・振動式選別機(節電シャワー付)
 - ・ターティータンク

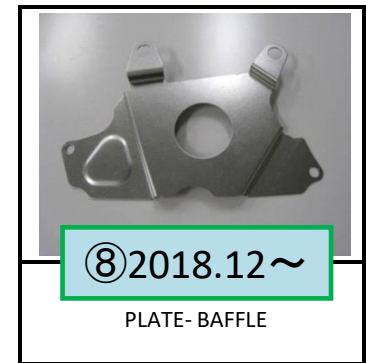
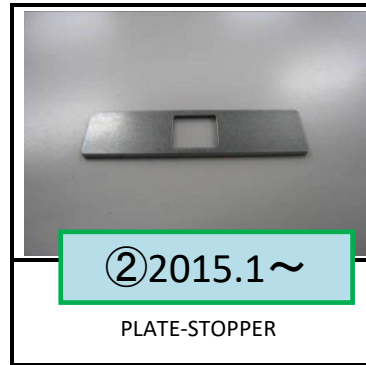


MSM's Business Development Main Products



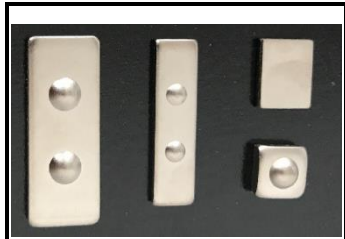
MSM's Business Development Main Products

Main Products Detail (Parts for CVT)

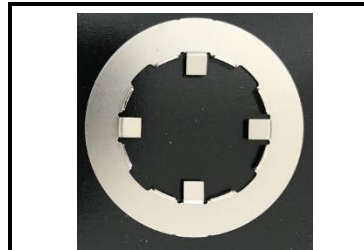


MSM's Business Development Main Products

Main Products (II)



BL-Weight



Stopper



BRKT



Bracket



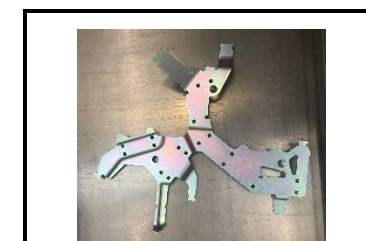
Link for Wper Unit



Plate



Bracket



Plate



Plate Shift



Drive Plate



Signal Plate



Dust Shield

所在地

アグアスカリエンテス州

メキシコでの自動車メーカー拠点一覧



工場面積 6,500m²
敷地面積 44,000m²



取引先一覧

Jatco


**SUMITOMO
ELECTRIC**

JTEKT | JTEKT COLUMN SYSTEMS CORPORATION

FUJI KIKO

 **Sumitomo Wiring Systems**
Connect with the Best

MITSUBA

SANO**h**

EXEDY 
EXEDY DYNAX MEXICO, S.A. DE C.V.


UNIPRES


SANNOHASHI


**CLUTCH
(F.C.C.)
TECHNOLOGY**



ADVICS

AKABOSHI

Appendix

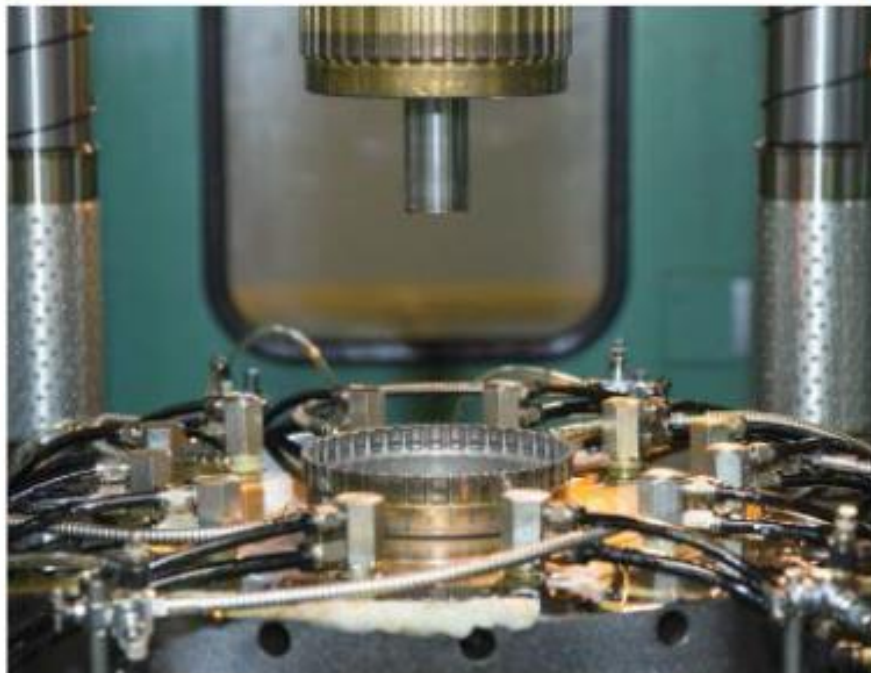
工法変更でコストダウンを実現

To achieve cost reduction through process optimization

特長 / Strong point

- ① 鋳造、鍛造、切削加工品からの鋳金化
To convert to sheet metal from molded, forged and machine cut products
- ② 顧客ニーズに応じた加工バリエーション
Variation in the machining complying with customer's needs
- ③ 多品種・少量生産管理力
Capability to control production of a diverse range of products in small quantity
- ④ 高精度・高機能
Higher accuracy and functionality

プレス工法 / Press Process



グローブ工法 / GROB process

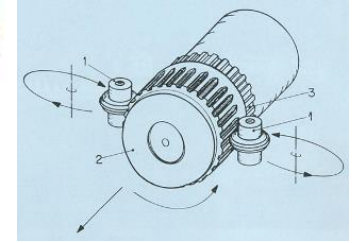


MTS's Business Development Main Products

Main Products Detail (Parts for ENG & T/M)



GROB Roll-Forming



複合加工とアセンブリの多様化

Diversification of composite machining and assembling

特長/Strong point

① **アセンブリによる品質・機能保証**

Assurance of quality and functionality by assembling

② **オリジナル部品でのコストダウン提案**

Proposal of cost reduction through original parts

③ **多品種・少量生産管理力**

Capability to control production of a diverse range of products in small quantities

630 ton Cold Servo Press M/C (*Servo Die-Cushion*)



Plate-Base Carrier

MTS's Business Development Main Products

Main Products Detail (Parts for CVT)



Base (Drum)

Plate (Carrier)

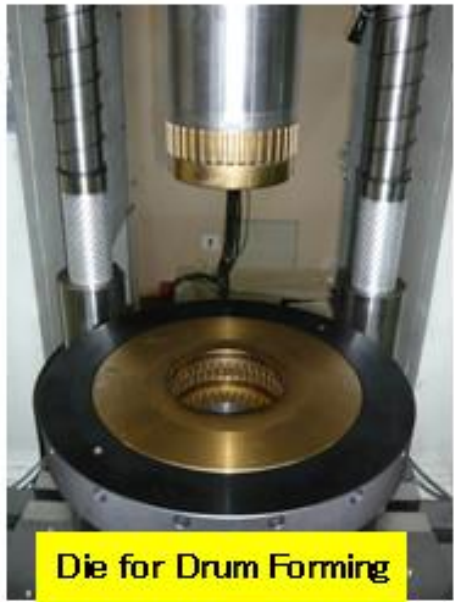
EBM Welding Pinion-Shaft Machining



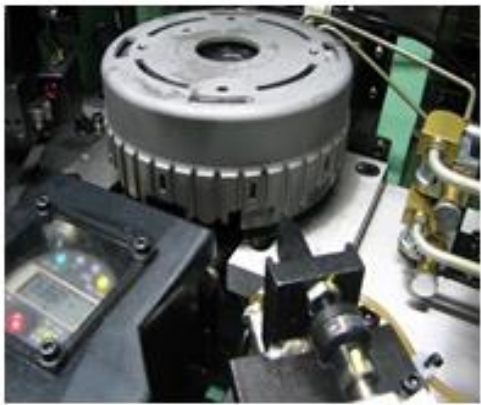
Carrier Ass'y



Plate Machining Line



Die for Drum Forming



Base Machining Line



Carrier Ass'y Line

キャリア組立機/Carrier Assembling Machine



パイプベンダー /Pipe Bender



キャリアASSY/Carrier Assembly



オイルゲージASSY/Oil Gauge Assembly



MOL!TEC

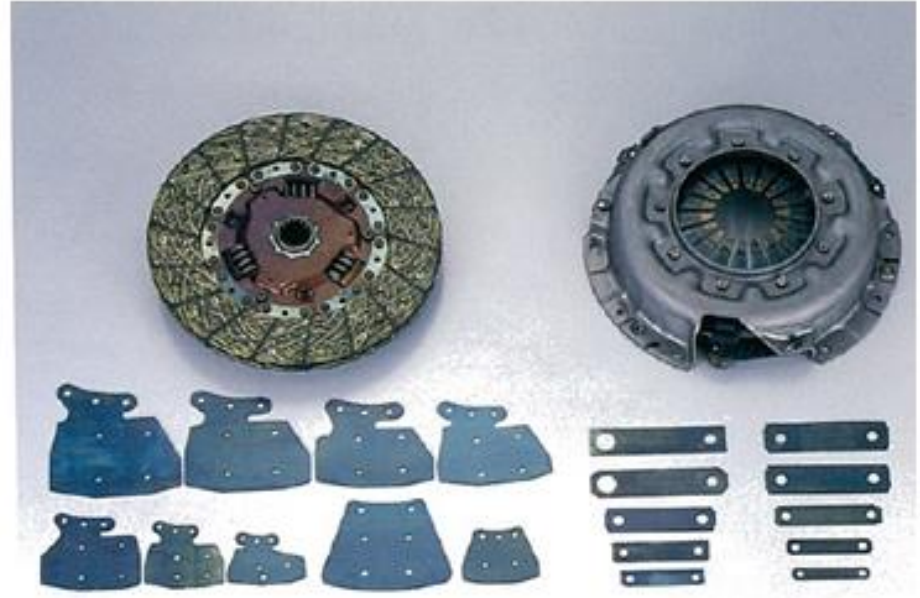
Molitec Steel Co., Ltd.

MTS's Business Development Main Products

Main Products Detail (Parts for ENG)



Level Gage & Guide



Various Handle Type



MTS's Business Development Main Products

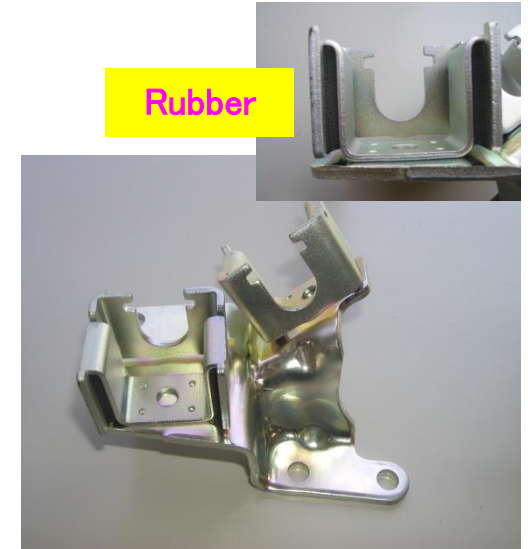
Main Products Detail (Parts for CVT & Brake system)



Return Spring

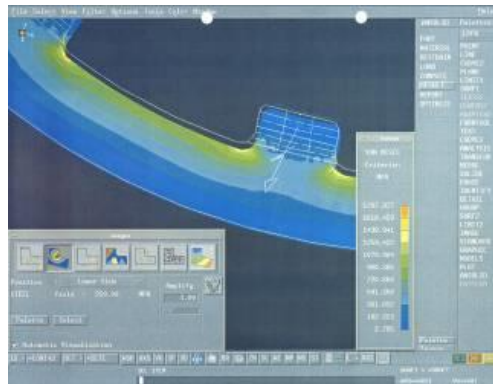


Detent Spring

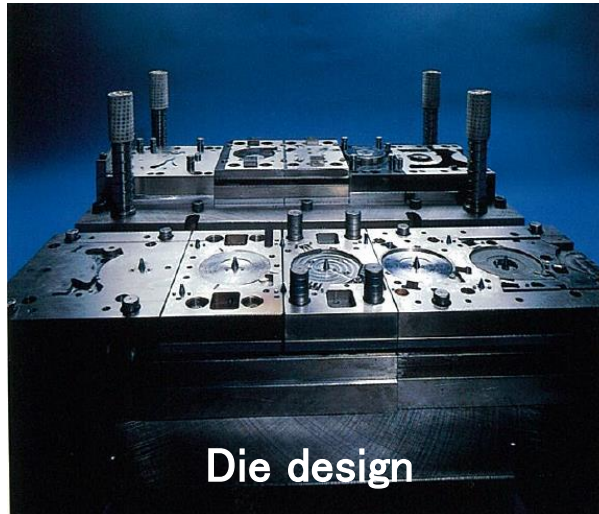


Rubber

Shift Cable Brk' t



Stress analysis



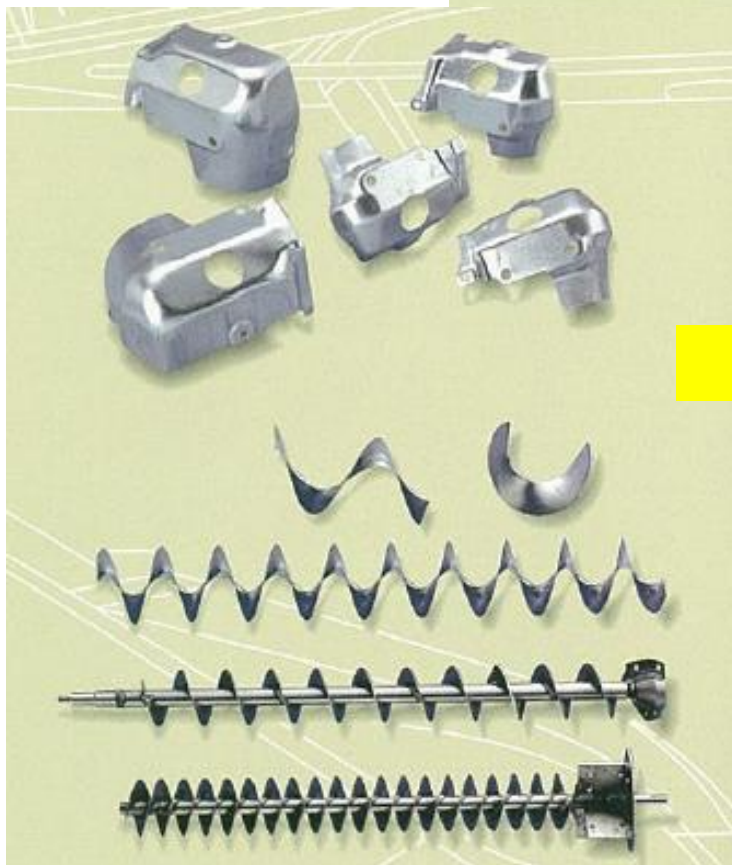
Die design



Spring for Brake Unit

MTS's Business Development Main Products

Made in MOLITEC 農機用製品群



Agricultural product group



MOL!TEC

Molitec Steel Co., Ltd.

開発商品 Developed Products

自社設計・開発商品を提供

To provide our own designed and developed goods

特長/Strong point

- ①顧客仕様で部品設計～製品提供まで
From parts designing to provision of products in accordance with customer's specification
- ②ゼンマイ利用のエコ商品開発
Development of eco-products using power springs
- ③新しい価値を提供できる商品開発
Development of products that add value
- ④豊かさ便利さを提供できるユニット製品の開発
Development of consumer products provide affluence and convenience

【製品 -1- ユニット製品 (室内物干し〈ルームハンガー〉)】

室内物干し

ルームハンガー

おすすめします。室内干しの新習慣。

洗濯物干しは屋外だと天候に左右され、
また干したくないものもあります。

そんなとき、簡単で便利な室内物干し
〈ルームハンガー〉が最適です。

特許取得済



外気の汚れや鳥のフン、
花粉などでお悩みの方



クルマや工場の排気ガス、鳥のフンや花粉の付着が気になる屋外の物干し…。そんな時〈ルームハンガー〉があれば安心です。

雨の日も洗濯日和に



ルームハンガーなら急な天候の変化にも左右されず、室内で安心して乾かすことができます。

留守中も安心して物干し



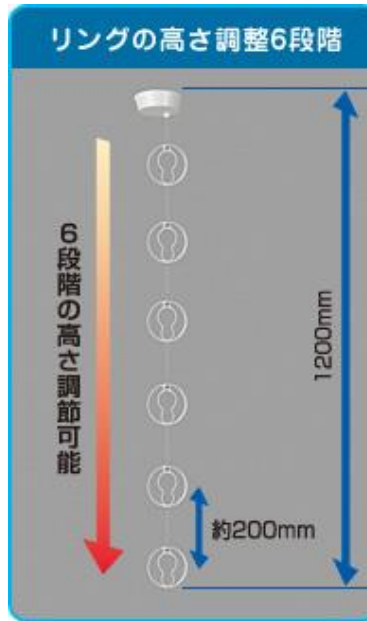
高層階の風対策、また屋外に干しにくい下着など、室内にルームハンガーがあれば安心です。

【製品 -2- ユニット製品(ルームハンガー/くるリング)】

限られたスペースに手軽に物干し
空間有効活用でお部屋で物干し



観葉植物用にも便利



【製品 -3- ユニット製品(EV/PHV用ケーブル自動巻取り式充電スタンド)】

ケーブル自動巻取り式
充電スタンド
★スリム型

使用時



充電の作業では、ケーブルの取扱いに手間がかかって面倒！

収納時



ケーブルの収納は、
ボタンを押せば
自動で収納可能!!

ケーブルに
触れない為、
手が汚れる
心配なし!!

充電スタンドに
ケーブルリールを
内蔵!!

充電スタンドから
ケーブルを手軽に
出し入れ可能!!

業界初! ケーブル巻取りの構造は
「無接点方式」で、安全・安心!!

EV/PHV用

特許出願中

ケーブル自動巻取り式 充電スタンド

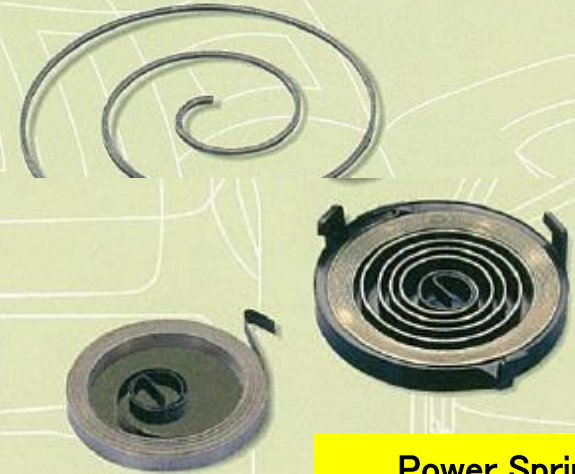
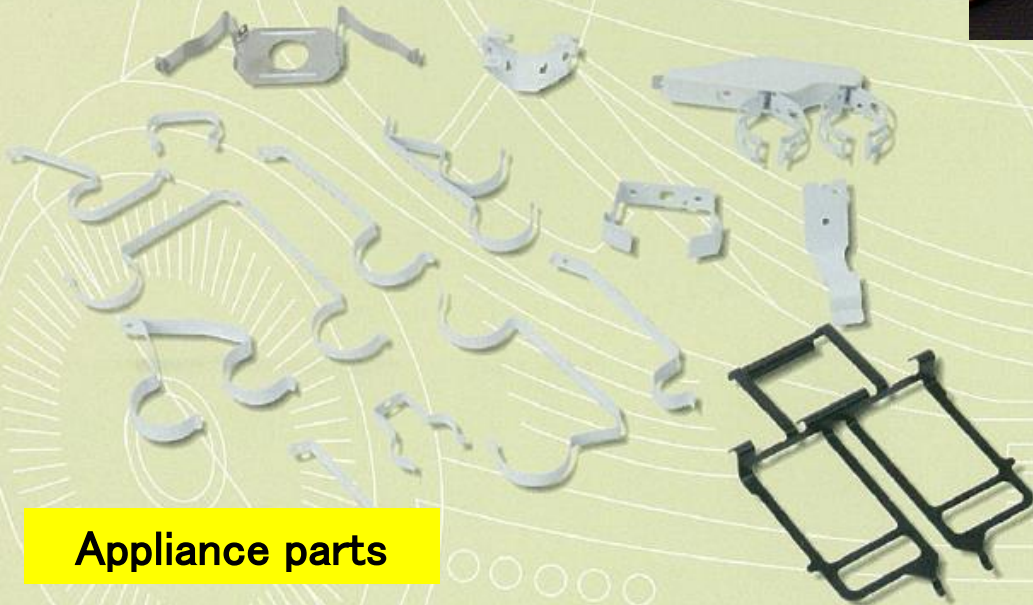
MTS's Business Development Main Products

Made in MOLITEC 家電用製品群

Cord reel



Appliance parts



Power Spring

MOL!TEC

Molitec Steel Co., Ltd.

金属加工品

Metal Press Work Products

グローバル生産の推進

Promotion of global production

特長/Strong point

①顧客ニーズに応じた現地化生産

Localized production to customers' needs

②多品種・少量生産管理能力

Capability to control production of many kinds of products in small quantities



各種製品

MOL!TEC

Molitec Steel Co., Ltd.

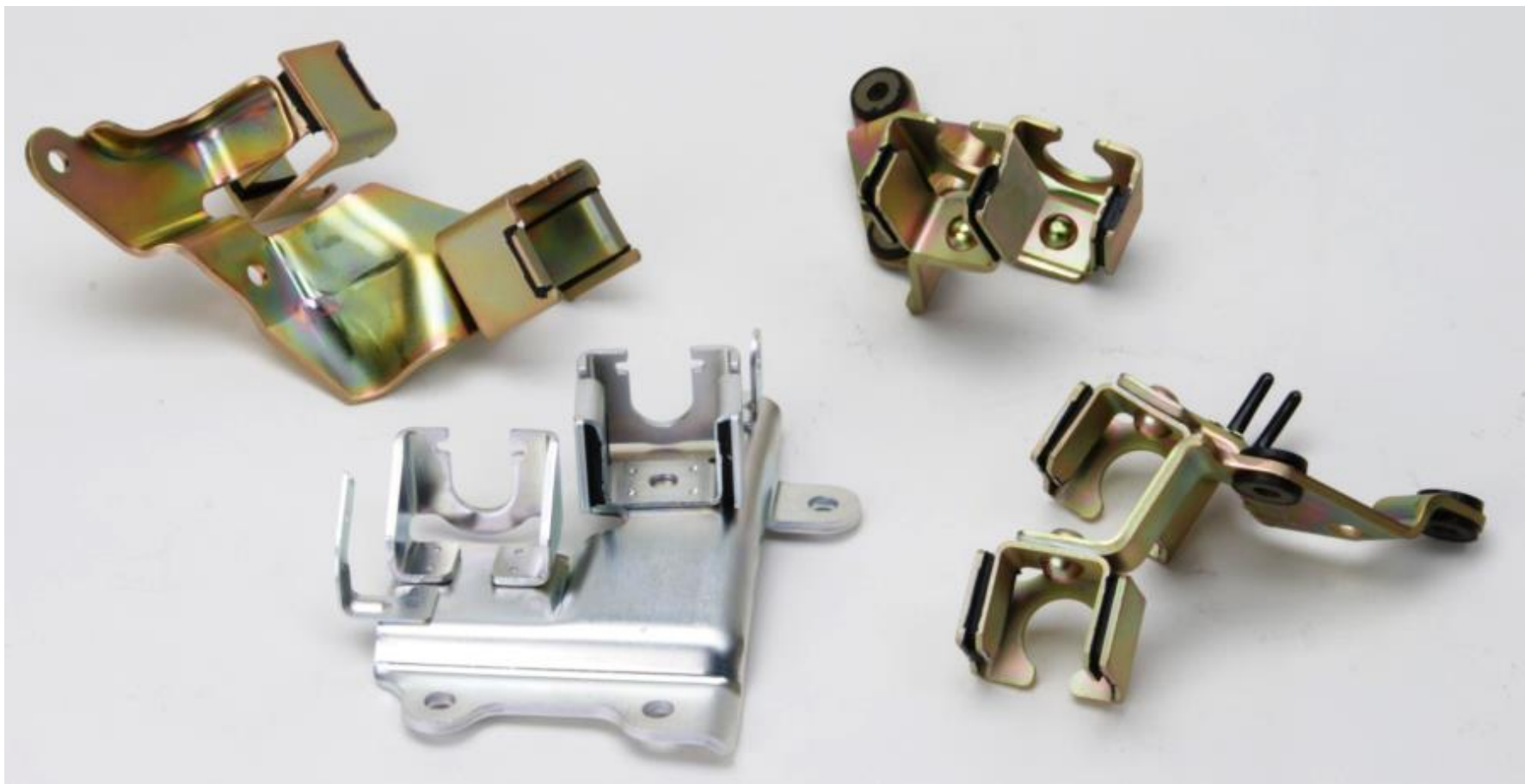
ブラケット_カチオン電着塗装



ブラケット、プーリーなど



ゴム加硫_ケーブルブラケット



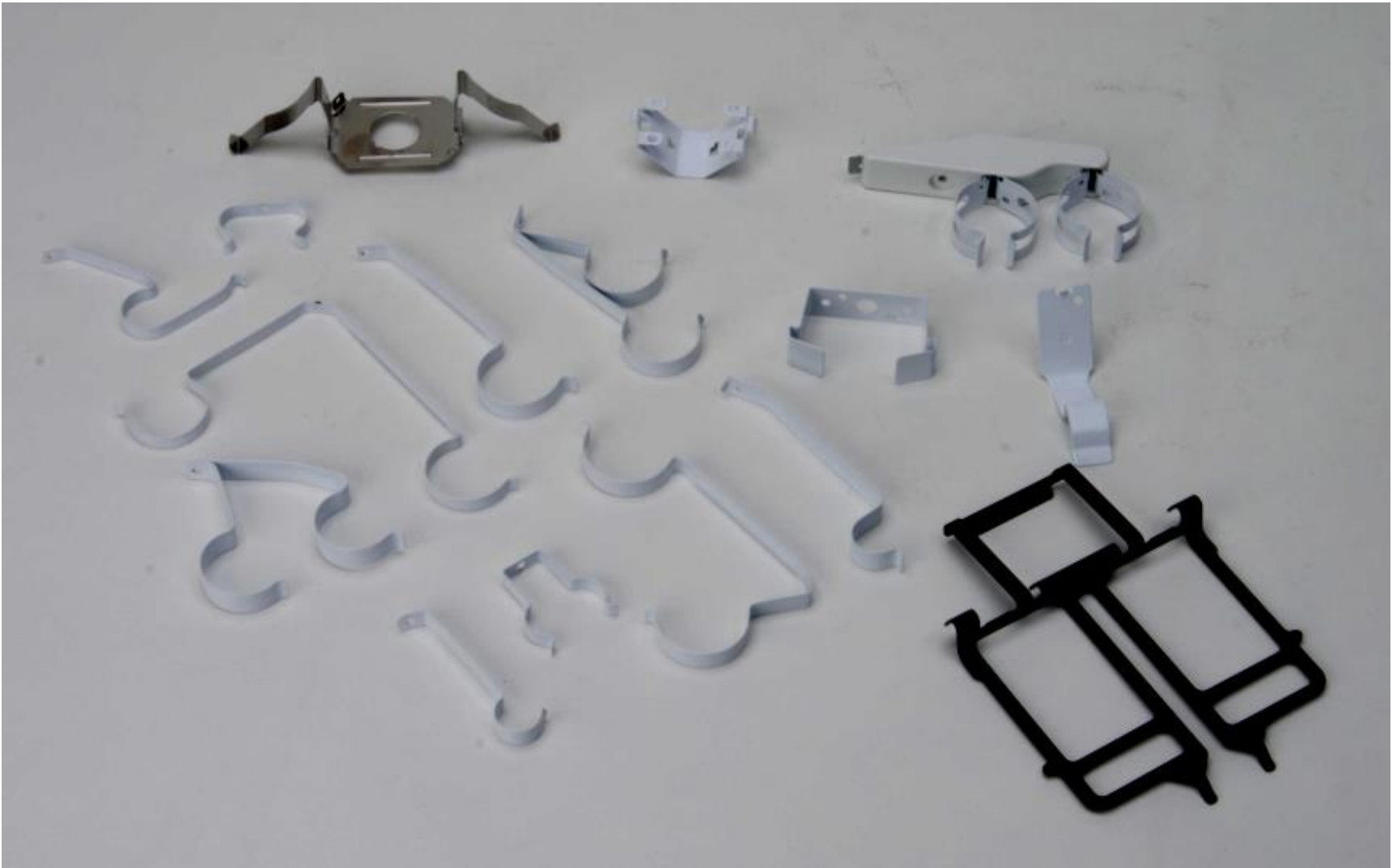
ドライブプレート、ブラケット類



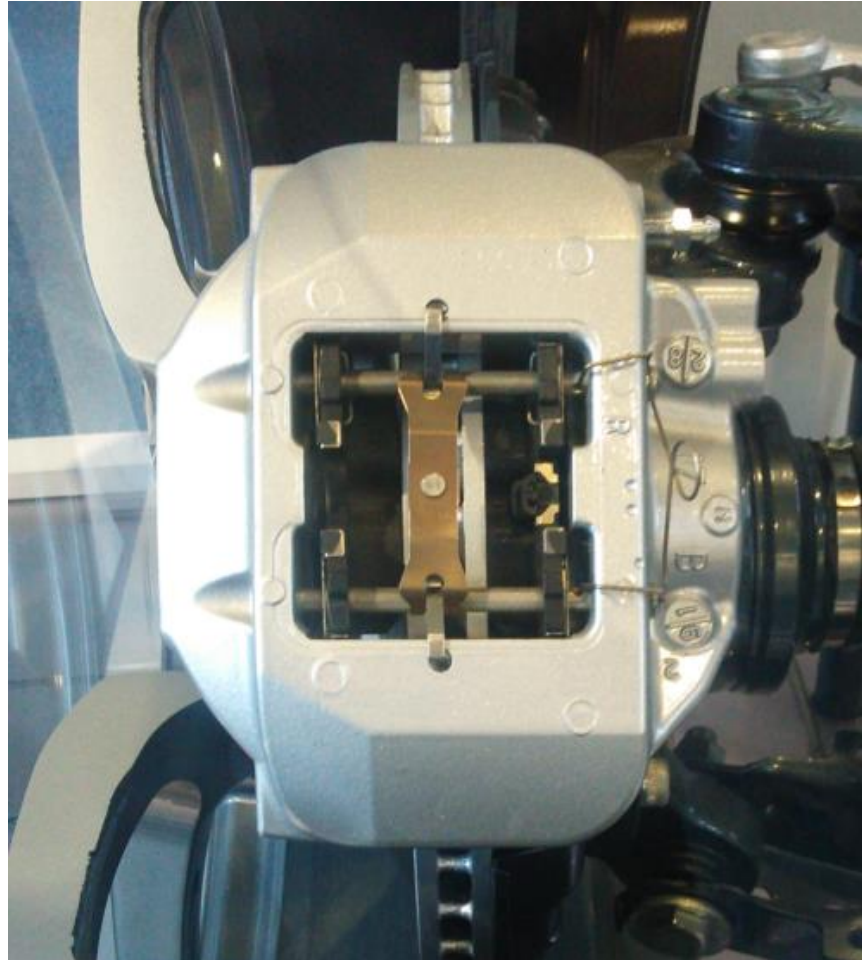
焼入れ鋼帯プレス品



家電部品



ブレーキパッドスプリング



ブレーキ・ミッション部品



各種ブラケット類



焼入鋼帯

Hardened & Tempered Steel Strips

広幅焼入鋼帯で合理化を提案

To propose a rationalization by wide width hardened and tempered steel strip

特長 / Strong point

- ① 製造技術力で安定した品質確保
To secure stable quality through manufacturing technology power
- ② 高炉メーカーとの連携による新商品開発提案
To propose a development of new product in collaboration with blast furnace manufacturer
- ③ 新鋭設備増強で需要拡大に応える
To correspond to the expansion of demand by reinforcing new equipment
- ④ 素材調達力を生かした多鋼種取扱い
Handling of many kinds of steel by making best use of procurement power for raw materials

広幅焼入鋼帯 / Wide width hardened & tempered steel strips



巻取り装置/Coiling machine

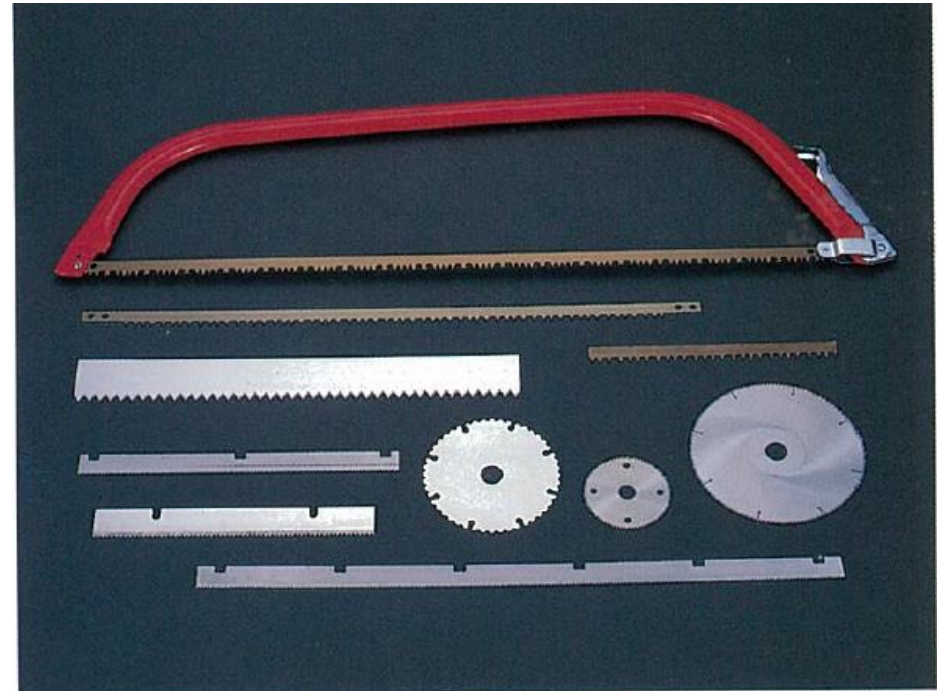


連続熱処理炉/Continuous Heat treatment furnace

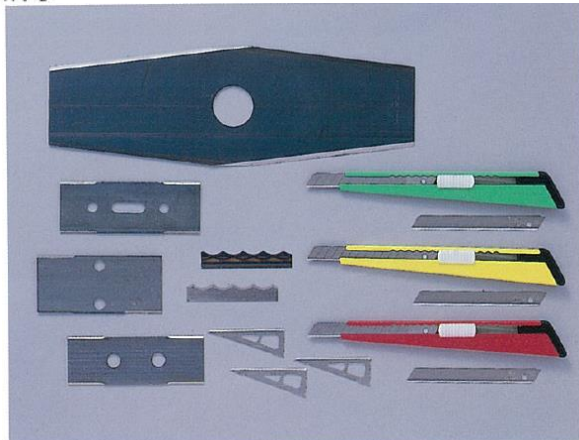
MTS's Business Development Main Products



▲SAWS



▲SAWS & BLADES



▲DISPOSABLE BLADES

Thank You Very Much.
¡Muchas gracias!