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Total Conveyor & Chain System



NZ CHAIN



TROLLEY
CHAIN



TROLLEY
HANGER



CARRIER



CATERPILLAR
CHAIN



SPECIAL
BEARING



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Company & Sister Companies in India

■ HEAD OFFICE & FACTORY



Date of Establishment

June 10, 1987

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Sales Turnover

35 Mil USD (2015)
31 Mil USD (2016)

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Representative

Mr. B W DOO



Business Line

Industry

★ Automobile Industry

- Press Shop
- Body(Weld) Shop
- Paint Shop
- Assembly(TCF) Shop

System

★ material Handling system

- Lifts (Belt type, Ball screw)
- Platform Conveyor (Skillet)
- Electric Monorail System
- Plastic Conveyor
- Inverted Friction Conveyor
- Shuttle (Stop & Go System)
- Power & Free Chain Conveyor
- Slat Conveyor
- Free Flow Chain Conveyor
- Roller Conveyor

Service

- Concept Design
- System Consulting
- Simulation
- Basic Engineering
- Detail Engineering
- Manufacturing
- Project Management
- Installation
- Test & Inspection
- Commissioning / Try-out
- Maintenance
- After Sales Service



Business Coverage in Automobile material Handling System



1.1 LAY-OUT

1.2 UNDER BODY

1.3 SIDE PANEL

1.4 ROOF

1.5 ASSY BODY

1.6 MAIN BODY

1.7 METAL FINISH

2.1 PT-CED LINE LAY-OUT

2.2 PT LINE

2.3 CED LINE

2.4 Oven conveyor

2.5 Prime, Top, Surface conv

2.6 Color selection conv

2.7 PBS

3.1 LAY-OUT

3.2 PBS TO TRIM IN

3.3 TRIM LINE 1

3.4. TRIM LINE
(FLOOR TYPE & PIT TYPE)

3.5 TRIM LINE(PIT TYPE)

3.6 TRANSFER SYSTEM
(TRIM1 TO TRIM2)

3.7 TRANSFER SYSTEM
(MAZZANINE & PIT RETURE TYPE)

3.8 CHASSIS LINE

3.9 TRANSFER
(CHASSIS TO FINAL)

3.10 CHASSIS LINE TO FINAL LINE

4.1 Sub DOOR LINE

4.2 Sub COCKPIT LINE

4.3 Sub FEM LINE

4.4. CHASSIS MARRIAGE SYSTEM

4.5 FREE FLOW CONVEYOR

4.6 LIFT

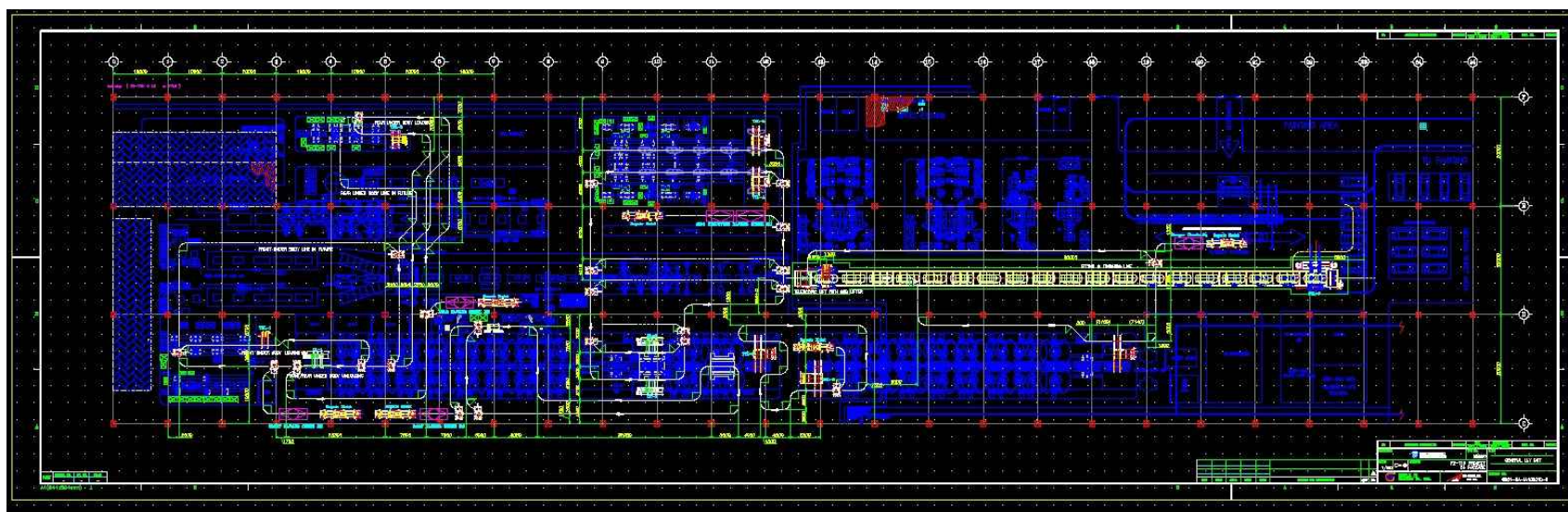
3.11 FINAL 2 LINE

3.12 FINISH LINE

3.13 LIFT

BODY SHOP(LAY-OUT)

1. BODY SHOP



Lay-Out of Proton Body Shop



1.2

BODY SHOP (UNDER BODY)



Overhead Electric Monorail System
PROTON Body Shop Under Body

1. BODY SHOP

* General Specification

1. **Machine Cycle Time : Max65sec**
2. **Conveyor Type** : Electric Monorail System
Front and Rear Floor transfer Line is composed two(2) line, and two Telescopic Lift, Drop Lift and two Repair Line
3. **Carrier**
 - 2-1. EMS Carrier Arm Opening Type
 - 2-2. EMS Carrier is composed one(1) Drive Trolley, one(1) Middle Trolley and two(2) Idle Trolley
 - 2-3. No. of EMS Carrier : Front Floor Carrier : 5sets.
RR Floor Carrier : 7sets
Hypoid Geared Motor of EMS Drive Unit : 0.2kw, 4P, 220V, 50HZ
 - 2-4. Speed of EMS Carrier : Max. 60m/min by Inverter Controller

UNDER EMS

1.3

BODY SHOP (SIDE PANEL)



* Overhead Electric Monorail System
PROTON Body Shop Side Panel

1. BODY SHOP

* General Specification

1. **Machine Cycle Time : Max65sec**
2. **Conveyor Type :** Electric Monorail System
RH and LH Side Structure transfer Line is composed two(2) line, and two(2) Telescopic Lift, two(2) Drop Lift and a Repair Line
3. **Carrier**
 - 3-1. EMS Carrier Arm Opening Type
 - 3-2. EMS Carrier is composed one(1) Drive Trolley, one(1) Middle Trolley and two(2) Idle Trolley
 - 3-3. No. of EMS Carrier : RH Side Carrier : 6sets.
LH Side Carrier : 6sets.



1.4

BODY SHOP (ROOF)



* PROTON Body Shop (Bus Bar) Roof

1. BODY SHOP

* General Specification

1. **Machine Cycle Time : Max65sec**
2. **Conveyor Type :** Electric Monorail System
Roof transfer Line is composed one(1) line and one(1) Repair Line
3. **Carrier**
 - 3-1. EMS Carrier with Lift Type
 - 3-2. EMS Carrier is composed one(1) Drive Trolley, two (2) Middle Trolley and two(2) Idle Trolley
 - 3-3. No. of EMS Carrier : 4sets..
Hypoid Geared Motor of EMS Drive Unit : 1.5kw, 4P,220V,50HZ



1.5

BODY SHOP (MAIN BODY)



* PROTON Body Shop Main Body

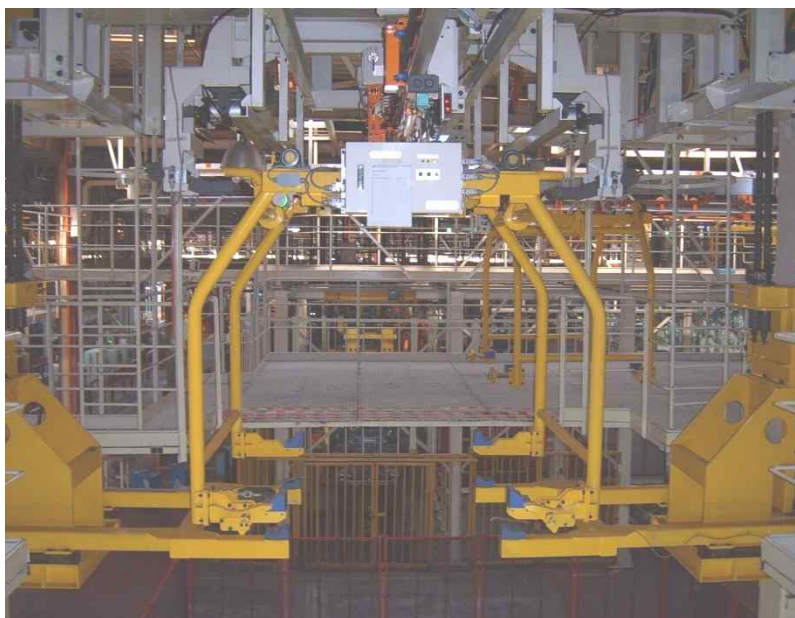
1. BODY SHOP



TELESCOPIC LIFT

1.6

BODY SHOP (MAIN BODY)



* Overhead Electric Monorail System
PROTON Body Shop (Bus Bar)

1. BODY SHOP

* General Specification

1. **Machine Cycle Time : Max65sec**
2. **Conveyor Type : Electric Monorail System**
Main body transfer Line is composed one(1) line and one(1) Repair Line
3. **Carrier**
 - 3-1. EMS Carrier Arm Opening Type
 - 3-2. EMS Carrier is composed one
 - (1) Drive Trolley, two
 - (2) Middle Trolley and two(2) Idle Trolley
 - 3-3. No. of EMS Carrier : 15sets..
Hypoid Geared Motor of EMS Drive Unit :
1.5kw, 4P,220V,50HZ

ASSY BODY EMS

1.7

BODY SHOP (METAL FINISH)



* Wide single slat conveyor
PROTON Body Shop

1. BODY SHOP

* General Specification

1. **Machine Cycle Time : Max65sec**
2. **Conveyor Type :** Conveyor Type : Slat Conveyor
Fitting And Finishing Line is composed a Main single Sl at Conveyor
3. **Detail of Equipment**
 - 3-1. Work Station Pitch : 5000mm
 - 3-2. No. of Work Station : 19
 - 3-3. Slat Plate
Checked Plate 6t, 3000mm(W) X 245mm(L)
Fixture of Body Setting : 39set

SYNCHRONIZING
DEVICE

2.1

PAINT SHOP (PT_CED LINE LAYOUT)

2. PAINT SHOP



PT-CED Layout

2.2

PAINT SHOP (CED LINE)



* Overhead Power & Free (H-Hanger)
TATA PBS

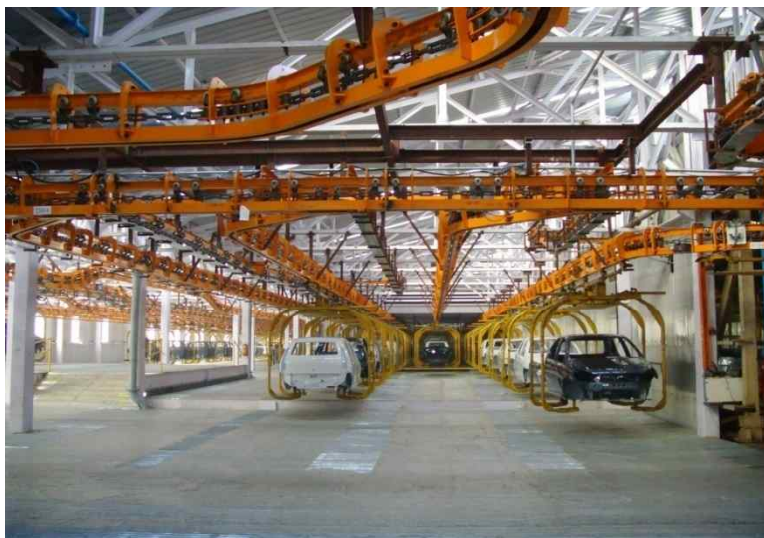
2. PAINT SHOP



TATA CED

2.3

PAINT SHOP (PBS)



* Overhead Power & Free (H-Hanger)
TATA PBS


PBS Layout

2. PAINT SHOP

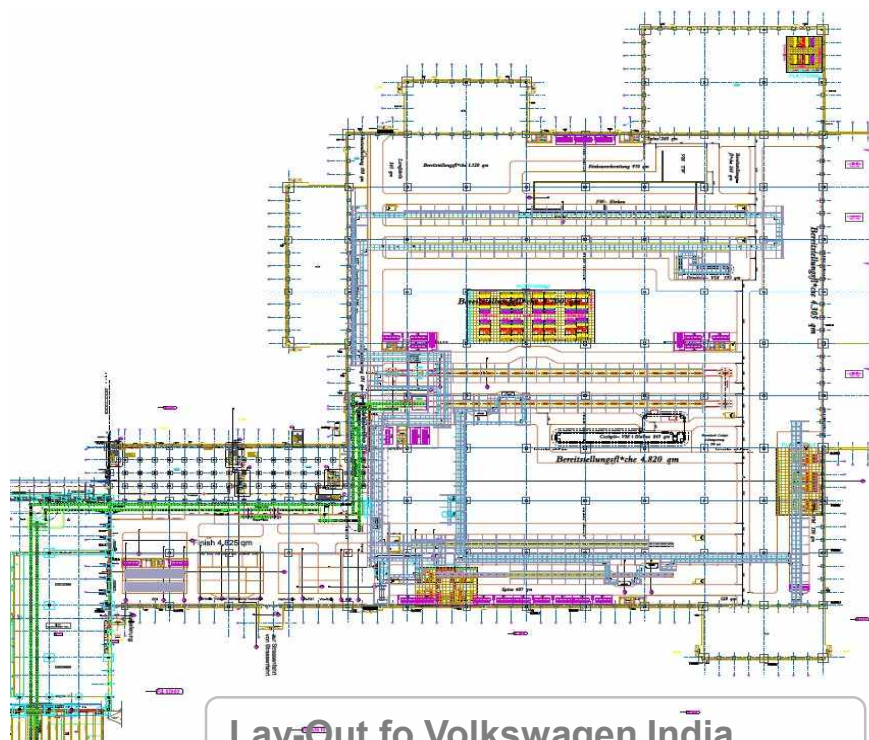


* Skid Roller Conveyor TATA 250 UPD
(from Paint Shop to New TCF)


[PBS](#)

3.1

ASSEMBLY SHOP (LAY-OUT)



Lay-Out fo Volkswagen India

3. ASSEMBLY SHOP

* General Specification

1. Production Capacity : 45UPH

2 . Detail of Equipment

- 2-1. Trim 1,2 :Floor Friction Conveyor
(with Scissors Lift)
- 2-2. Chassis1,2 : EMS Overhead Conveyor
(Length :800m, Hanger : 75sets)
- 2-3. Final1,2: Double Slat Conveyor
- 2-4. Finish Line: Plastic Conveyor
- 2-5. Door Sub Line: Power & Free Conveyor
Hanger : 150sets
- 2-6. Cockpit Sub Line: EMS Overhead
Conveyor(Hanger : 35sets)
- 2-7. FEM Sub Line: Overhead Conveyor
Hanger : 15sets

VWI layout

3.2

ASSEMBLY SHOP (PBS TO TRIM IN)



* Floor Platform Conveyor with Scissors Lifter VW India

Trim1 to 2

3. ASSEMBLY SHOP

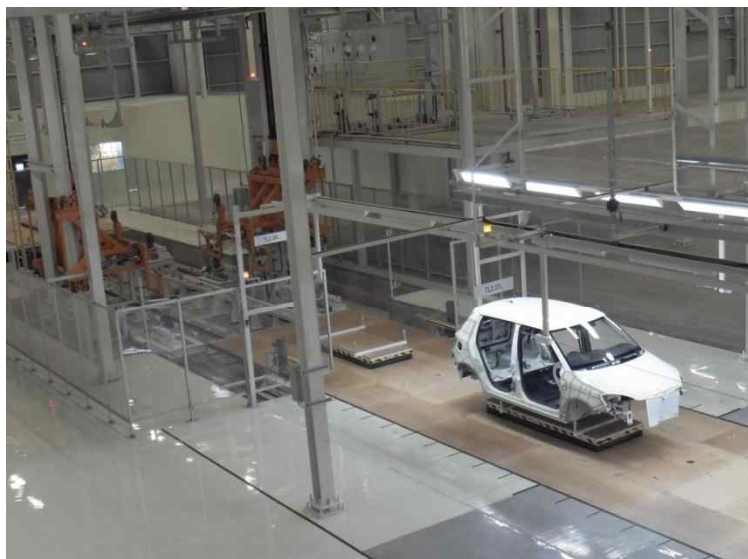


* Floor Platform Conveyor with Scissors Lifter VW India

Trim out 2

3.3

ASSEMBLY SHOP (TRIM LINE 1)



* Floor Platform Conveyor with
Scissors Lifter VW India

3. ASSEMBLY SHOP



Scissors lift

3.4

ASSEMBLY SHOP (FLOOR TYPE & PIT TYPE)



* TATA Motors NEW TCF 250UPD

250UPD Layout

3. ASSEMBLY SHOP



* Floor Platform Conveyor with Scissors Lifter BHMC

New TCF

3.5

ASSEMBLY SHOP (PIT TYPE)



* Floor Platform Conveyor KMC H1

KMC Layout

3. ASSEMBLY SHOP



KMC trial2

KMC trial

3.6

TRANSFER SYSTEM (TRIM1 TO TRIM2)



3. ASSEMBLY SHOP



* VW India Transfer System (Trim 1 to Trim 2)

[Trim 1 to Trim 2](#)

3.7

TRANSFER SYSTEM (MEZZANINE & PIT RETURN TYPE)

3. ASSEMBLY SHOP



* Cross Transfer on the Mezzanine
BPMC

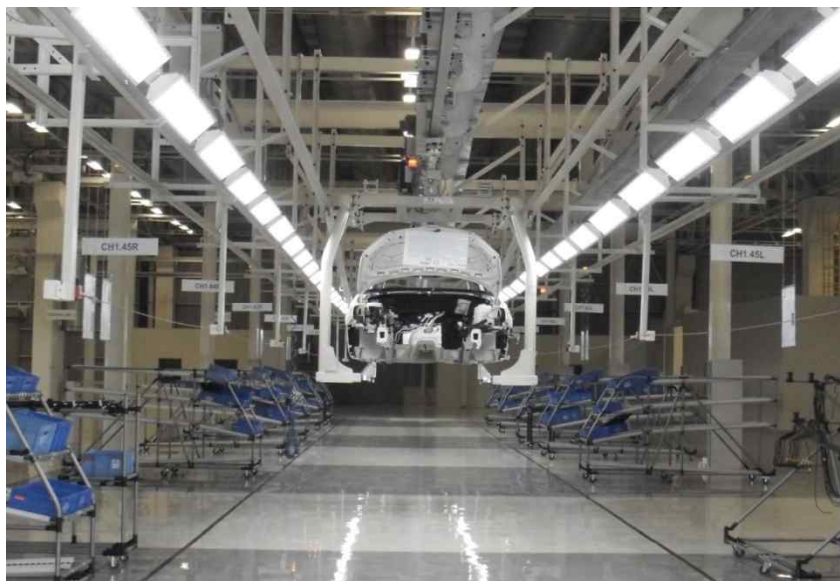


* Cross Transfer in the pit
KMC H-1 (Shop test)

BPMC Layout

3.8

ASSEMBLY SHOP (CHASSIS LINE)



* Overhead Electric Monorail System
VW India (Bus Bar)

Chassis EMS 1

Chassis 1 to 2

3. ASSEMBLY SHOP



Chassis Final

Chassis entry

3.8

ASSEMBLY SHOP (CHASSIS LINE)

3. ASSEMBLY SHOP



* Overhead Power & Free (3 way & C-Hanger) TATA New TCF 250 UPD

3.9

TRANSFER (CHASSIS TO FINAL)



* Overhead Electric Monorail System BHMC
(Non Contact Power Supply) IPF

3. ASSEMBLY SHOP



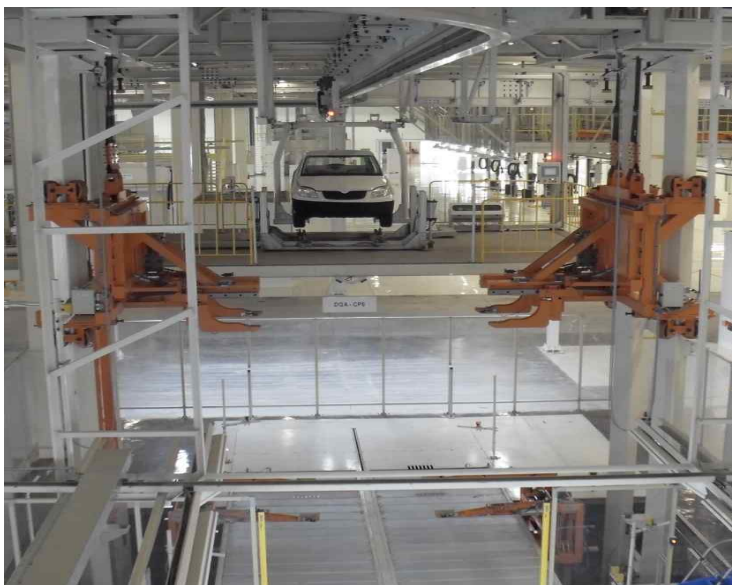
* Electric Monorail System KMC H1
(Bus Bar Contact Power Supply)



3.10

ASSEMBLY SHOP (CHASSIS LINE TO FINAL LINE)

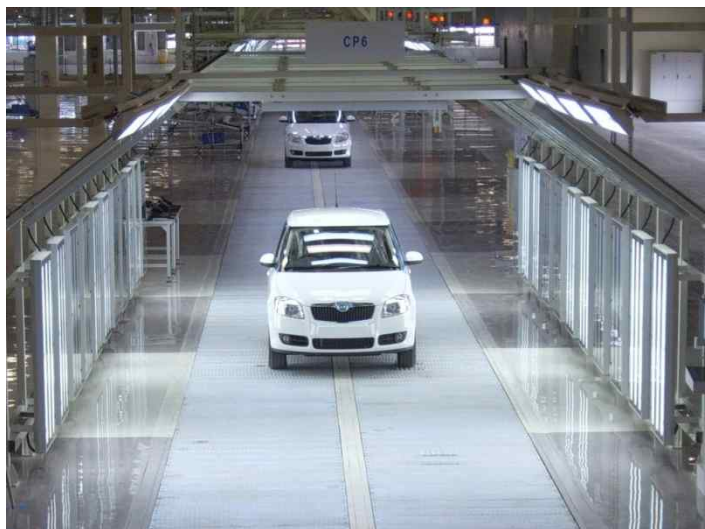
3. ASSEMBLY SHOP



* Final In Four Post Lifter VW India

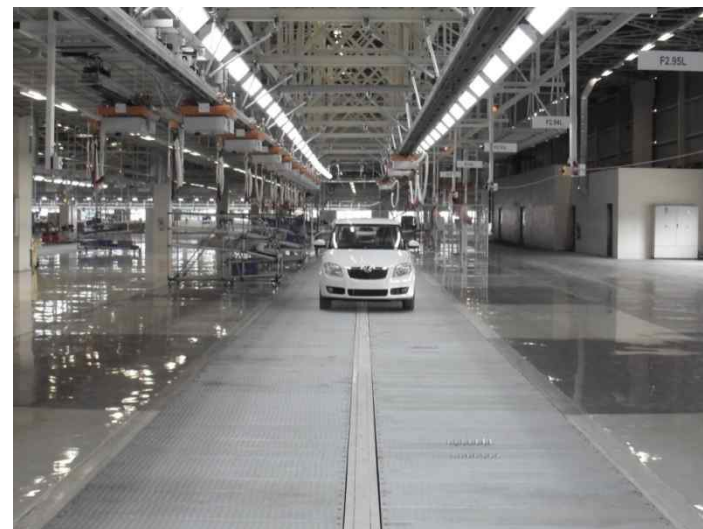
3.11

ASSEMBLY SHOP (FINAL 2 LINE)



* Double Slat Conveyor VW India

3. ASSEMBLY SHOP

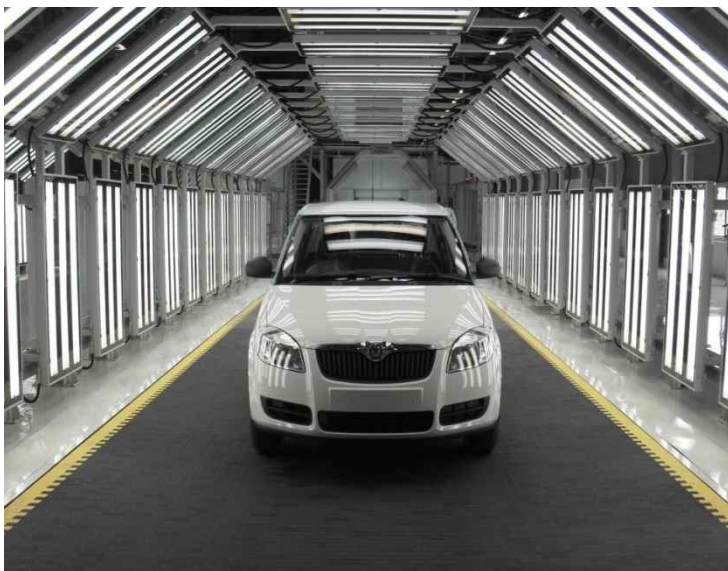


VW [Final](#) In 1

VW [Final](#) In 2

3.12

ASSEMBLY SHOP (FINISH LINE)



3. ASSEMBLY SHOP



* Single Plastic Conveyor Finish Line VW India

3.12

ASSEMBLY SHOP (FINISH LINE)



* Double Plastic Slat Conveyor for
Water Test HMC/KMC R&D center

3. ASSEMBLY SHOP



* Single Plastic Slat Conveyor for
Filling HMC/KMC R&D Center

3.13

ASSEMBLY SHOP (LIFTER)



* 250UPD Four Post Lifter TATA India

3. ASSEMBLY SHOP



* Hwasung #1 Four Post Lifter HM KMC

3.13

ASSEMBLY SHOP (LIFTER)



* Door Two Post Lifter VW India

3. ASSEMBLY SHOP



* D4C and D8C Two Post Lifter Malaysia

3.13

ASSEMBLY SHOP (LIFTER)



•250UPD Telescopic Drop Lifter TATA India
(Trim to Underbody)

3. ASSEMBLY SHOP

<GENERAL SPECIFICATIONS>		
WORK	KIND	CAR BODY
	SIZE	—
CARRIER	WEIGHT	MAX. 1500 Kg
	TYPE	X-678 (4-6-6)
ELECTRIC SOURCE	WEIGHT	
	POWER	AC 380V 50HZ 3P
	CONTROL	DC 24V
	SOLENOID VALVE	DC 24V
AIR SUPPLY. PRES.		4.5 KG/CM ²
ACCESSORIES		POSITIONER : 1 SET
		HANGER OPEN/CLOSE : 2 SETS
		HANGER CLOSE CHECKER : 2 SETS
		GUIDE RAIL : 2 SETS
< LIFT SPECIFICATION >		
ITEM NAME		PBS-WAX LOADING TELESCOPIC LIFTER
TECT TIME		180 SEC* (20 UPH)
LIFTING SPEED		34 M/MIN (50Hz INVERTER)
LIFTING STROKE		9000 MM
FRAME WEIGHT		3000 Kg
COUNTER WEIGHT		3400 Kg (1700Kg x 2sets)
<DRIVE SPECIFICATION>		
LIFTING CHAIN	TYPE	SUPER CHAIN RS#140 (TSUBAKI)
		INVERTER CONTROL
DRIVE	MOTOR	R 107 DV 132M4 BMG (7.5KW, MAKER: SEW)
	BRAKE	F.B BRAKE
TELESCOPIC FORK		1.5 KW — 2400 ST (WINKEL) V= 30 M/MIN

4.1

SUB LINE (DOOR LINE)



4. SUB LINE



* Power & Free Conveyor Door Line VW India

4.1

SUB LINE (DOOR LINE)



- Power & Free Conveyor Door
- Line Proton

4. SUB LINE

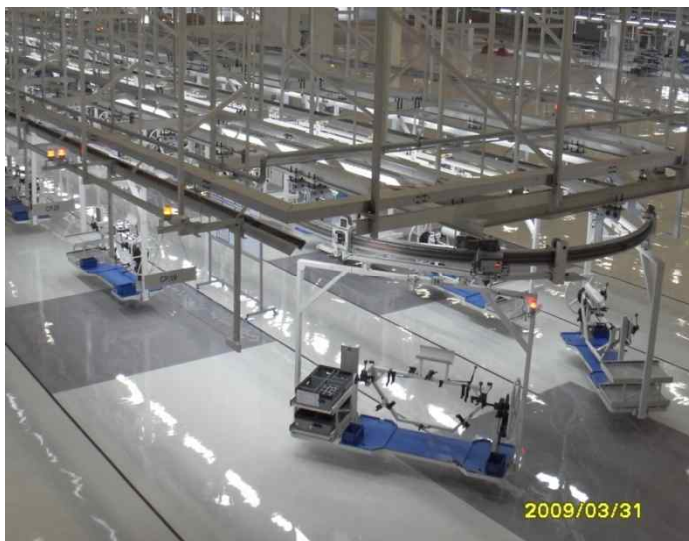


- Power & Free Conveyor Door Line
- TATA India

New TCF Door

4.2

SUB LINE (COCKPIT LINE)



4. SUB LINE



* EMS Overhead Conveyor Cockpit Line VW India

4. SUB LINE

4.2

SUB LINE (COCKPIT LINE)



* EMS Overhead Conveyor
Cockpit Line VW India

4.3

SUB LINE (FEM LINE)

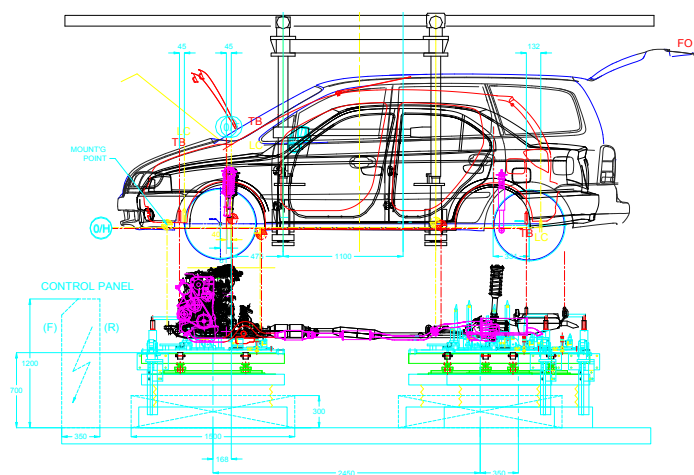


* Overhead Conveyor FEM
Line VW India

CHASSIS MARRIAGE SYSTEM



4. SUB LINE



KMC CMS 2

4.4

CHASSIS MARRIAGE SYSTEM



* Overhead P&F and Floor RGV
KMC H-2 (Shop Test)

4. SUB LINE



* Overhead P&F and Floor RGV
KMC Kwang Ju

KMC RGV 1

KMC RGV2

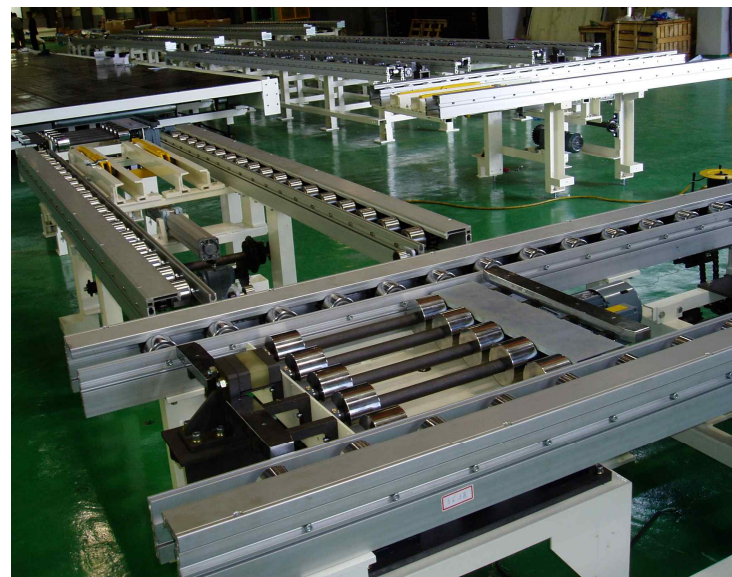
4.5

FREE FLOW CONVEYOR



* Free Flow Chain Conveyor
HMC #51

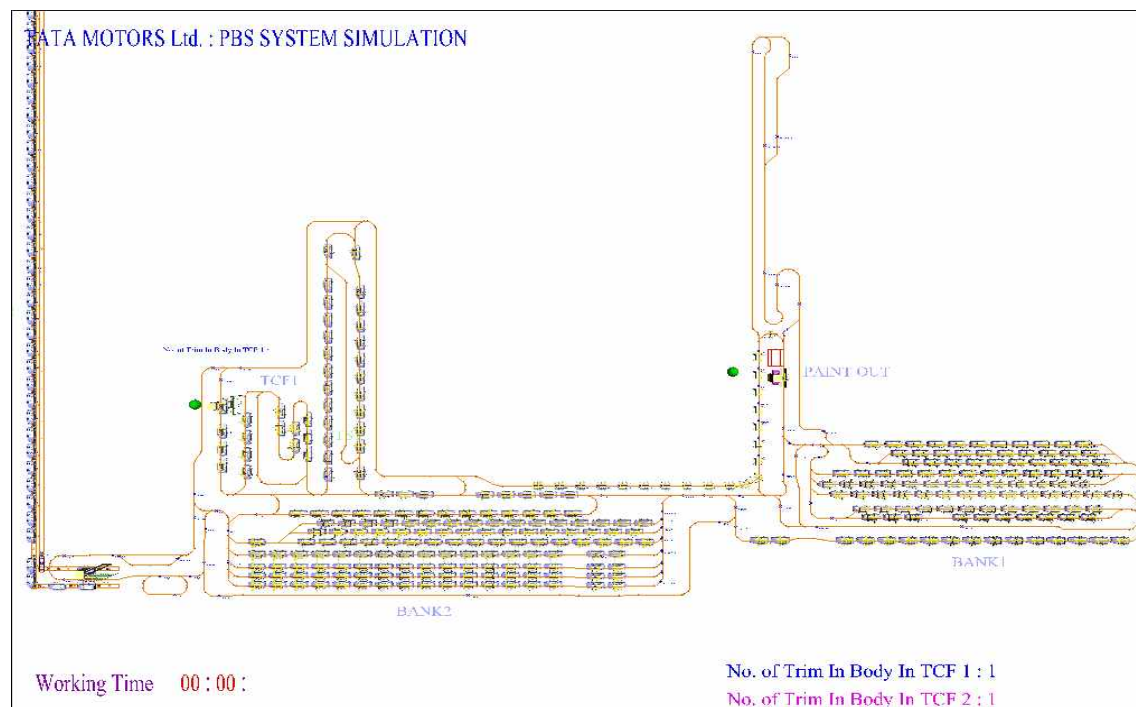
4. SUB LINE



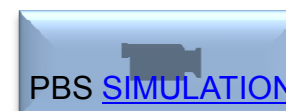
* Free Flow Roller Conveyor
HMC/KMC R&D Center

4

SYSTEM SIMULATION

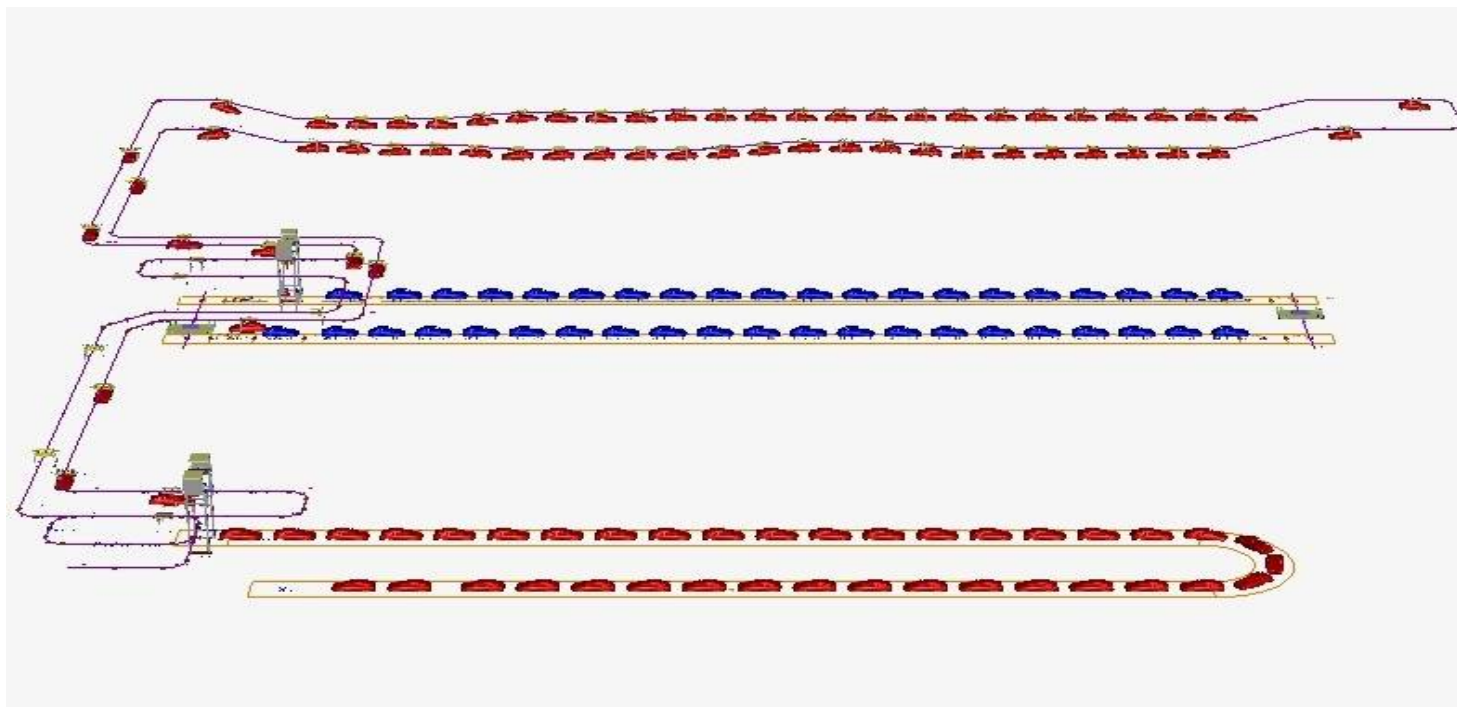


* TATA PBS for Existing & New TCF



5

SYSTEM SIMULATION



* Simulation for New TCF of Volkswagen India





SJC Major Experience

2017

Project Description	Equipment Detail	Customer	Amount (\$)	Delivery
HMI (HMC India)	- #2 Paint Shop PT-ED Line Conveyor Rail Replacement	HMI (HMC India)	1.2 mil \$	Feb..2017~ June.2017
	- #2 Paint Shop PT-ED Line Chain Replacement(X678 & X458)			
HMI (HMC India)	- #2 Assembly Shop Seat Drop Lifter Replacement	HMI (HMC India)	0.5 mil \$	Feb..2017~ June.2017



SJC Major Experience

2016

Project Description	Equipment Detail	Customer	Amount (\$)	Delivery
DYK 3-2 TCF SHOP Suspension Wire Tire Seat	- Production Capacity: 40 JPH	DYKMC (China)	5.2 mil \$	Feb..2015~ Dec.2016
TCF SHOP #51 Main Line Modification (Ulsan, Korea)	- Program Modification per Vehicle change - Friction Drive system replacement - All attachment change (DL, Hanger, etc)	HMC (Ulsan)	0.25 mil \$	Mar.2015~ Oct.2017
TATA (Sanand)	- RGV Station Extension & Modification	TATA (Sanand)	2.1 mil \$	Jan.2015~ Dec.2016



SJC Major Experience

- 2015

Project Description	Equipment Detail	Customer	Amount (\$)	Delivery
DYK#31 Suspension & Tire Line Modification	- Stopper Relocation & Program modification	DYKMC (China)	0.32 mil \$	Jan..2016~ Apr.2016
HMC Ulsan #11 Ass'y Sub-Line Replacement (Ulsan, Korea)	- Seat supply Line - FEM supply Line - C/PAD supply Line	HMC (Ulsan)	3.5 mil \$	Sep.2016~ Jan.2017
Paint Shop S1 Line Conveyor System PLC Control System Replacement	- All control Panel replacement in PT-ED Conveyor system	KIA (Sohari)	4.4 mil \$	Feb.2015 ~ Oct. 2015



SJC Major Experience

2015

Project Description	Equipment Detail	Customer	Amount (\$)	Delivery
DYK 3-2 TCF SHOP Suspension Wire Tire Seat	- Production Capacity: 40 JPH	DYKMC (China)	5.2 mil \$	Feb..2015~ Dec.2016
TCF SHOP #51 Main Line Modification (Ulsan, Korea)	- Program Modification per Vehicle change - Friction Drive system replacement - All attachment change (DL, Hanger, etc)	HMC (Ulsan)	0.25 mil \$	Mar.2015~ Oct.2015
Paint Shop S1 Line Conveyor System PLC Control System Replacement	- All control Panel replacement in PT-ED Conveyor system	KIA (Sohari)	4.4 mil \$	Feb.2015 ~ Oct. 2015



SJC Major Experience

2015

Project Description	Equipment Detail	Customer	Amount (\$)	Delivery
Seat #2 Plant Empty Pallet Input & Loading Conveyor System (HMC, Ulsan)	- Free Flow Conveyor - Loading & Unloading to Truc - Empty Pallet return Line	HMC (Ulsan)	0.64 mil \$	Mar. 2015 ~ Aug. 2015
Foam Pad Ripening Line (Chanzou, DYMOS)	- Power Only Line : 600 m - Conveyor speed: 4.5 m/sec - Tact time : 54 secs - Motor Drive (Simens)	DYMOS (Chanzou, China)	1.2 mil \$	Sep.2014 ~ Aug. 2015
ASSEMBLY SHOP CONVEYOR (Truck Plant, Jeonju, HMC)	- Large Size Truck Main Assembly Line - Slat Conveyor: 200m	HMC (Jeonju)M otors	0.75 mil \$	Mar. 2015~ Aug.2015



SJC Major Experience

2013~2014

Project Description	Equipment Detail	Customer	Amount (\$)	Delivery
TCF SHOP RGV ENGINE DECKING SYSTEM & SANAND (INDIA)	- Production Capacity: 60 JPH - RGV system for Engine Decking - Trim & Under body modification for X0 car - Production pitch extension etc.	TATA Motors	1.8 mil \$	Apr.2014~ Jan.2015
TCF SHOP ALL CONVEYOR Modification CHACKAN (INDIA)	- Production Capacity: 36 JPH - Trim, Underbody & Final line modification for S101 car - Technical Consultancy for Design, Manufacturing & Trial - Belt type lift replacement.	Mahindra & Mahindra Motors	0.2 mil \$	Feb.2014~ Jul.2014
ASSEMBLY SHOP DOOR MOUNTING SYSTEM (INDIA)	- Production Capacity : 56UPH - Door mounting device --- 4 sets	TATA Motors	0.1 mil \$	Oct.2013~ Jan. 2014



SJC Major Experience

• 2010~2012

Project Description	Equipment Detail	Customer	Amount (\$)	Delivery
PAINT SHOP MATERIAL HANDLING SYSTEM PUNE (INDIA)	- Production Capacity: 35JPH - Lift type : 4-Post belt driven Drop Lift - Transfer system : Over Head Power & Free conveyor - Shifting device : Telescopic Fork with chain drive	TATA Motors	0.5 mil \$	Aug.2012~ Jan.2013
BIW BODY STORAGE SYSTEM PUNE (INDIA)	- Storage capacity : 150 Bodies - Tact time : 54 secs - Conveyor type : Skid with Roller bed conveyor - Lifting device : 2-Post belt driven Drop Lift - Body data control : RFID tracking system	TATA Motors	1.0 mil \$	Sep.2011~ Apr.2012
ASSEMBLY SHOP CONVEYOR SYSTEM CHACKAN (INDIA)	- Production Capacity : 30UPH - Trim 1&2 line : Friction conveyor - - Chassis line : Over Head Power & Free chain conveyor - Final line : Single slat conveyor - Door line : Over Head Power & Free conveyor	Mahindra & Mahindra Motors	2.4 mil \$	Jul.2010~ Jan. 2011



SJC Major Experience

2007~2009

Project Description	Equipment Detail	Customer	Amount (\$)	Delivery
ASSEMBLY SHOP CONVEYOR SYSTEM CHAKAN PLANT (INDIA)	- Main Line - Production Capacity: 45 UPH - Trim 1,2 Line: Floor Friction Conveyor (with Scissors Lift) - Chassis 1,2 Line: EMS Overhead Conveyor: 800m, Hanger: 75 sets - Final 1,2 Line: Double Slat Conveyor - Finish 1,2 Line: Plastic Conveyor (Width: 4000mm) - Door Sub Line: Power & Free Conveyor, Hanger: 150 sets - Cockpit Sub Line: EMS Overhead Conveyor, Hanger: 35 sets - FEM Sub Line: Overhead Conveyor, Hanger: 15 sets	Volkswagen India	10.1 mil \$	Jun.2008 ~ Jan. 2009
CONVEYOR SYSTEM for BODY SHOP (MALAYSIA)	- Transfer Under Body to Sub Assembly Line : EMS 16 sets - Transfer Main Body to Re-spot Line : EMS 10 sets - Transfer Side Structure to Main Body Assembly Line : EMS 12 sets - Transfer Main Body Re-spot Line to Fitting & Finishing Line :EMS 20 sets - Fitting & Finishing Line : Single Slat Conveyor 1set	PROTON	3.2 mil \$	Feb.2007 ~Sep. 2007



SJC Major Experience

- 2007~2008

Project Description	Equipment Detail	Customer	Amount (\$)	Delivery
PBS LINE For old TCF & new TCF (INDIA)	- Production Capacity : 54UPH - Paint shop P&F Conveyor Drive Unit : 6 sets, Stopper : 70 sets, Convergent Switch : 26 sets Divergent Switch : 27sets, Hanger : 160 sets - Paint Shop Skid Conveyor Roller Bed : 7 sets, Turntable : 2 sets, Free Flow Conveyor : 17 sets Cross Transfer Conveyor :2, Pop Up Lifter : 5 sets, Skid : 50 sets Unloading Telescopic Fork Lift : 1 set, Block Loading Lift : 1 set	TATA Motors	4.5 mil \$	Apr.2007~ Jan. 2008
CED LINE (INDIA)	- Production Capacity : 54→60JPH - Paint Shop O.H.C. Power & Free (4"-6"-4"& 4"-4"-4")	TATA Motors	3.4 mil \$	Jun.2007~ Jan. 2008
HM2 CHASSIS MARRIAGE LINE (KOREA)	- Production Capacity : 50 UPH - Chassis Marriage System · Rail Guided Vehicle System · 9 Vehicles (Fr / Rr : Rink type)	KIA Motors	1.5 mil \$	Oct.2007~ Feb.2008



SJC Major Experience

- 2006~2007

Project Description	Equipment Detail	Customer	Amount (\$)	Delivery
UBS LINE for Paint shop (INDIA)	- UBS Carrier and Loading / Unloading Lift - UBS Hanger : 65 sets - Unloading Lift : 1 set - Open/Close Device : 1 set	TATA Motors	0.3 mil \$	Feb.2007~ May. 2007
HMC ULSAN #51 PLANT MAIN LINE (KOREA)	- Production Capacity : 45 UPH - Floor Friction Conveyor (Chassis Marriage) - Platform : 20 sets (Engine, Front, Rear Axle Decking) - Cross Transfer Unit : 4 sets	Hyundai Motors	2.5 mil \$	Nov.2006~ Aug. 2007
KIA Hwasung Assembly Shop HM Main Line (KOREA)	- Trim & Final Line : Platform 83 sets / Capacity : 60 UPH - EMS Transfer Line (Final to OK) / - EMS 10 sets - Drop Lifter (chain driven) : 3 sets	KIA Motors	3.5 mil \$	Oct.2006~ Mar. 2007
PT LINE (INDIA)	- Paint shop PT Overhead Conveyor (4"-6"-4"& 4"-4"-4") Drive Unit: 6sets, Wheel Turn Assembly: 6sets, P & F Length : 680m	TATA Motors	2.2 mil \$	Jul.2006~ Dec. 2006



SJC Major Experience

- 2005~2006

Project Description	Equipment Detail	Customer	Amount (\$)	Delivery
New Serendah Body Shop Conveyor (MALAYSIA)	- Metal Finish Line : Roller Bed - Body Transfer Line : EMS with Hoist Hanger - Side & Roof Transfer Line : EMS with Hoist	TAN-CHONG Motor	1.5 mil \$	Mar.2006~ Oct. 2006
Assembly Shop Volume Up (CHINA)	- Production Capacity : 68 UPH - T21 Line : P & F Chain Conveyor - Final 2 & 3 Line : Platform with Table Lifter / 4 Post Drop Lifter (Belt) - Final 4 OK Line : Electrical Monorail System - Window Glass Transfer Line - Inspection & Water Test Line : Wide Single Slat Conveyor	Beijing Hyundai Motor	8.2 mil \$	Sep.2006~ Mar. 2005
L90 Assembly Line (IRAN)	- Production Capacity : 30 UPH - Trim Line O.H.C. Power & Free (6 inch) - Drop Lifter (chain) with Synchronized Side Lifter	Pars Khodro	1.5 mil \$	Jun.2005~ Nov. 2005



SJC Major Experience

• 2003~2005

Project Description	Equipment Detail	Customer	Amount (\$)	Delivery
Hyundai-Kia R&D Center Pilot 2 Assembly Line (KOREA)	- Production Capacity : 66 UPH - Trim & Final Line : Platform Conveyor - OK & Water Test Line : Plastic Chain Conveyor - Automation Line : Floor Shuttle - Engine Sub-Assembly Line : Friction Roller Conveyor	HMC Namyang Institute	8.5 mil \$	Feb.2005~ Aug. 2005
KIA Sohari Carnival Chassis Marriage & Final Volume Up (KOREA)	- Chassis Marriage System · Rail Guided Vehicle System · 12 Vehicles -Final Line Volume up · Platform : 10sets, · Belt type Drop Lifter 2 sets	KIA Motors	2.0 mil \$	Jun.2004~ Feb. 2005
KIA KWANG-JU Ass'y Shop Conveyor (KOREA)	- Production Capacity : 60 UPH · RGV (Rail Guided Vehicle) System · 3 Station, 9 Vehicles	KIA Motors	1.7 mil \$	Oct.2003~ Feb. 2004



경영시스템 인증서

(주) 에스제이씨

인천광역시 남동구 남동대로 303

SBC인증원은 위 회사의 경영시스템이
아래의 표준과 인증범위의 요구사항에 적합함을 인증함.

경 영 시 스템 표 준

KS Q ISO 9001 : 2009 / ISO 9001 : 2008

인 증 범 위

콘베어 및 체인류의 설계·개발, 생산 및 서비스

인 증 일 자 : 2013. 08. 30

만 효 일 자 : 2016. 08. 29

발 급 일 자 : 2013. 08. 30



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