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for a sustainable future

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UNIDO/ITD/16
15 May 1970

UNITED NATIONS INDUSTRIAL DEVELOPMENT ORGANIZATION

ENGLISH ONLY

01754

ESTABLISHMENT AND DEVELOPMENT OF AUTOMOTIVE
INDUSTRIES IN DEVELOPING COUNTRIES

Catalogue of automotive manufacturing
and assembly plants operating under licences
throughout the world

Preliminary draft

14.70-1957

We regret that some of the pages in the microfiche copy of this report may not be up to the proper legibility standards even though the best possible copy was used for preparing the master fiche

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Preface

This is a preliminary draft of a catalogue, to be distributed to automotive manufacturers for changes, updating and suggestions. It will eventually be published as an addendum to the Report of the Interrregional Seminar on the Establishment and Development of Automotive Industries in Developing Countries, held under the auspices of UNIDO and the Czech Government in Karlovy Vary, Czechoslovakia, 24 February - 14 March 1969.

The Report of this seminar has been published under the UNIDO publications symbol ID/36, Volume I and selected technical papers presented to the seminar will be published as Volume II. When the Catalogue of Automotive Manufacturing and Assembly Plants is complete, it will be published as Volume III.

Abbreviations

AMC	American Motors Corporation
BLMC	British Leyland Motors Corporation
CARAL	Construction des Automobiles Renault en Algérie
CKD	Completely knocked down
CV	Commercial vehicle
DAF	Van Doorne's Automobielfabrik
FRG	Federal Republic of Germany
GB	Great Britain
GM	General Motors
GMC	General Motors Corporation
IKA	Industrias Kaiser Argentina
KJC	Kaiser-Jeep Corporation
MB	Mercedes Benz
PV	Passenger vehicle
RNUR	Régie Nationale des Usines Renault
SAPRAR	Sociedad Anonima Franco Argentina de Automotores
SAIDA	Société Africaine pour l'Industrie Automobile
SCOA	Société Commerciale de l'Ouest Africaine
SEAT	Sociedad Española de Automobiles de Turismo
SKD	Semi-knocked down
SOMACA	Société Marocaine de Construction Automobile
STIA	Société Tunisienne Automobiles
WOB	Willys Overland do Brasil
ZGZ	Zavodi Crvena Zastava
4 x 4	Vehicle with four-wheel traction

Country	GDP Population, 1966 (thousands)	Local miller/computer CMAA	Co-operating manufacturer	Type of assembly	Country of co-operating manufacturer	Place of assembly/ sales	Degree of assembly or percentage of local sales	Annual production (year and no. of vehicles)	Financial participation by co-operating manufacturer	
										PV, CV
ARGENTINA	12,147	720	Renault- Saviem		France	El Nervach	CD	1968	0,530	< 50
			Sociedad Africana de Automobiles, Berliet		France	Baibio	20-50%	1968	1,350	00
ARGENTINA	5,225	170	Brook	CB	FRS	Landa	CD	1964	100	none
ARGENTINA	22,000	700	Chrysler Argentina	CV	USA	San Justo		1969	15,010	
			Chrysler Corp.	PV	USA	San Justo		1969	2,310	
			Ford Motors	CV	USA	Buenos Aires	90%	1969	20,671	00
			Ford Corp.	PV	USA	Buenos Aires	90%	1969	15,012	00
			Concord	CV	Italy	Buenos Aires	95%	1969	42,400	50
			FIAT	PV	Italy	Cordeba	95%	1969	7,003	50
			GM Argentina SA	CV	USA	San Martin		1966	15,634	
			GM	PV	USA	San Martin		1966	14,000	

GNP
 Population, per 1,000 in 1968
 (thousands) (US\$)

ARGENTINA (cont'd)

Country	Local builder/manufacturer	Co-operating manufacturer	Type of vehicle	Country of co-operating manufacturer	Place of assembly/manufacturer	Degree of assembly or percentage of local manufacture	Annual production (year and no. of vehicles)	Financial participation by co-operating manufacturer (%)
	Safran Peugeot Citroën Argentina SA	Peugeot	PV	France	Buenos Aires	95%	1969 16,978)	
		Peugeot	CV	France	Buenos Aires	95%	1969 3,711)	100
		Citroën	PV	France	Buenos Aires	95%	1969 12,324)	> 50
		Citroën	CV	France	Buenos Aires	95%	1969 2,956)	
	MA Renault SA	Renault	PV	France	Cordoba	100%	1969) 21,717	> 50
		AMC	PV	USA	Cordoba	93%	1969)	30
		BMW	CV	France	Cordoba	95%	1969)	
		ELC	CV	USA	Cordoba	92%	1969) 6,002	2.0

Datz Caribica
 Industrial y Comercial SA
 Datz AS

Industria Automotriz
 Santa Fé SA

IB Argentina

Industrias Riocincas

ARGENTINA

11,500	1,000	Renault Australia	Peugeot	France	Buenos Aires	95%	1969 1,000	none
			Renault	France	Buenos Aires	100%	1969 5,700	> 50

GENERAL (cont'd)

Company Name	Share Type	Country	Year	Value	Notes
BMC Australia	Ordinary	USA	1988	22,000	
Ford Motor of Australia Ltd.	Ordinary	USA	1988	70,271	
Ford Corp.	Ordinary	USA	1988	10,000	
Chrysler Australia	Ordinary	USA	1988	50,072	
Chrysler Corp.	Ordinary	USA	1988	3,587	
Willis Towers Australia Pty. Ltd.	Ordinary	Japan	1988	2,310	00.5
Isuzu Australia	Ordinary	Japan	1988	000	
Leyland Australia	Ordinary	USA	1988	1,616	
MB Australia	Ordinary	FRG	1988	400	< 50
Australian Rotor Industries Ltd.	Ordinary	USA	1988	000	
Triumph	Ordinary	USA	1985	1,500	< 50
Toyota	Ordinary	Japan	1988	15,157	
Bover Australia	Ordinary	USA	1985	3,300	100

GDP
Population, 250,000
1968
(thousands) (US\$)

COUNTRY Local builder/manufacture Co-operating type of manufacture Place of assembly/ manufacture Country of co-operating manufacturer Degree of assembly or percentage of local manufacturers Annual production (year and no. of vehicles) Financial participation by co-operating manufacturer (%)

AUSTRALIA (cont'd)

Rocton Australia	Rocton	PV	GB	Reibourne	CND			
	Common	CV	GB	Reibourne				
R.P.L.	Volkswagen	PV, LV	FRE	Clayton	50%	1967	19,300	100
Rack Trucks Australia Pty. Ltd.	Rack	CV	FRE	Brisbane	60%	1968	300	50

BELEGIUM

7,200	1,150	Steyr Daimler-Puch AG	Flat	PV	Italy	Graz	2%	1968	511	none
		Saurer	Saurer	CV	Switzerland	Graz	100%	1965	2,400	none

FRANCE

9,520	1,630	Renault	Renault	PV	France	Nancy	CND	1968	112,407	> 50
		BLIC Belgium	BLIC	PV, CV	GB	Saenelle	CND	1968	10,238	
		GB Continental	GBE	PV	USA	Arbony	CND	1968	190,403	Several European and American GM units
			GBE	CV	USA	Arbony	CND	1968	3,387	
		Ford Motor SA	Ford Corp.	PV	FRE	Caen	CND	1968	200,435	
				CV	FRE	Caen	CND	1968	38,071	

BRANDS (cont'd)

European factories	Parent	PI	France	Subsidiary	Year	Value
				Brussels	1969	18,787
		CI	France	Brussels	1969	509
Satelli-Belge des Automobiles Citroën	Citroën	PI	France	Brussels	1969	75,397
	Citroën	CI	France	Brussels	1969	13,347
Plympton	Volvo	PI	FRG	Brussels	1969	65,596
GEC Continental	Leyland Motor Corp.	CI	GB		1965	77
Leyland Triumph SA	Triumph	PI	GB	Brussels	1969	15,071
NSA SA Nationale	NS	PI	FRG	Brussels	1969	6,044
Regal-Dei	Regulus	CI	FRG	Essenrich	1965	199
Reo	Reo	PI	FRG	Essenrich	1969	5,794
Pierrel	Marburg-Treibert	PI	FRG		1969	369
Pedini	PI	CI	Italy		1965	145
Scaldis Volvo	Scaldis	PI	USSR		1969	866
Van Doorn's Automobilfabrik SA	DF	CI	Netherlands	Geel-Boel	1965	NLJ
Volvo	Volvo	PI	Sweden		1969	16,985
	Volvo	CI	Sweden		1969	1,769

> 50

Vertical text columns, likely bleed-through from the reverse side of the page. The text is highly obscured and illegible due to the high contrast and noise of the scan.

1988 (cont'd)

Company Name	Country	Address	City	State	Postal Code	Phone	Telex	Year	Value
Indco Canada Ltd.	Canada								3,000
Robertson Corp of Canada Ltd.	USA		Ann Arbor	MI	48106				2,000
Canadian Motor Industries Holdings	Canada		Windsor	ON					
ME (Canada) Ltd.	USA		Windsor	ON					20,000
General and Motor Corp.	USA		Windsor	ON					
United Motors Ltd.	USA		Windsor	ON					
Industrie's Automobiles (France)	France		Paris						1,200
Industrie's Automobiles (Japan)	Japan		Tokyo						1,200
Industrie's Automobiles (Germany)	Germany		Munich						400
Automobiles Saz Oriental	France		Paris						2,500
European Automobile Sales Ltd.	USA		Windsor	ON					20
Federale	USA		Windsor	ON					1,000
Suzuki	Japan		Hamamatsu	Shizuoka	430-2292				5,700
Ford Co. (Canada)	USA		Dearborn	MI	48120				

6:27
 Population, 1972 1000
 (thousands) (1971)

Local holder/manufacturer
 Local assembly/manufacturer
 Local manufacturer

Co-operating type of vehicle
 manufacturer

Country of co-operating
 manufacturer

Place of assembly/
 manufacturer

Degree of assembly or
 percentage of local
 manufacturer

Annual production by co-operating
 manufacturer (year and
 no. of vehicles)

Financial participation
 by co-operating
 manufacturer (%)

Remarks

Country	Local holder/manufacturer	Co-operating type of vehicle	Country of co-operating manufacturer	Place of assembly/ manufacturer	Degree of assembly or percentage of local manufacturer	Annual production by co-operating manufacturer (year and no. of vehicles)	Financial participation by co-operating manufacturer (%)	Remarks
CHILE (cont'd)	Sociedad Automotora Chilena S.A.	RV	France	Arica	100	772		
	Citruda Chile, SA	PV, CV	France	Santiago (head office)	100	7,835	> 50	Production plant in Arica
	Barroto	CV	FRG	Santiago	100	113		
	MOBIL	PV	USA	Santiago	100	200		
	Yac Long Motor Co.	PV, CV	Japan	Talcahuano	100	2,300		
	Arco Ltd.	CV	FRG	Talcahuano	100	120		
	Fabrica Colchagua de Automotora	PV	USA	Bugaló	100	0		
	Fabrica Chrysler Colchagua de Automotora SA	PV, CV	USA	Bugaló	100	0		
	Stano	PV	France	Bugaló	100	0		

Entity	Account	LC	Comp	ISA	Dep't	Code	1988	1989	1990
USA (cont'd)	United Tech	US	NY	USA	Dep't 15	00	150	150	10
		Foreign	NY	France	Dep't 15	00	1000	1000	
		Other	NY	Japan	Dep't 15	00	1,200	1,200	
USA (cont'd)		Overseas	NY	00	Overseas	00			
		00	NY	FR	Overseas	00	1000	1000	500
USA (cont'd)	Amplitude Control	US	NY	USA	San Jose	00			75
	Auto-oscillators	US	NY	France	San Jose	00	1000	1000	50
	ICDA	US	NY	Japan	San Jose	00	1007	1007	
	Copiers	US	USA	00		00		50	
	Copiers	US	NY	USA, FR		00		20	
	Arbitration SA	US	NY	USA	San Jose				25
	Copiers Commercial	US	NY	Japan		00		20	
	Alarms (Nuclear SA)	US	NY	00		00		125	
		US	USA	00		00			400
		US	USA	00		00			400

Financial participation by co-operating manufacturer (%)

Degree of assembly or percentage of local manufacture (1968)

Annual production (year and no. of vehicles)

Country of co-operating manufacturer

Place of assembly/ manufacture

Type of co-operating vehicle

Co-operating manufacturer

Local mill/ construction

Population, 1968 (millions)

Local mill/ construction

Local mill/ construction

Local mill/ construction

Country	Population, 1968 (millions)	Local mill/ construction	Local mill/ construction	Co-operating manufacturer	Type of co-operating vehicle	Country of co-operating manufacturer	Place of assembly/ manufacture	Degree of assembly or percentage of local manufacture (1968)	Annual production (year and no. of vehicles)	Financial participation by co-operating manufacturer (%)	Notes
USA, UK (cont'd)		Same		Fiat	PV	Italy	San José	100	1968	96	
FRANCE (cont'd)	14,200	1,000	2000	Renault-Saïon	CV	France	Azi-Primo	100	1968	435	
FRANCE	2,440	0	Small Construction Automobile @ 2000	Citroën	PV, CV	France	Coteaux	100	1968	435	
FRANCE (cont'd)	17,000	1,200		Renault	PV	FRANCE		100			Under preparation
FRANCE	6,770	1,000	60 International 45	RE	PV	USA	Copenhagen	100	1,200		Several RE notes
				RE	CV	USA	Copenhagen	100			
			Ford Motor Co. 45	Ford Corp.	PV	USA	Copenhagen	100	10,000		Ford USA, 60 and Cologne
			Ford Motor Co. 45	Ford Corp.	CV	USA	Copenhagen	100			
			Ford General Motor Industry	RE	PV	60	Stocking	100			
				Chrysler Corp.	PV, CV	USA	Stocking				

Entity	(a) No. SEC	CR	Traders and brokers	Italy	Paris	7,127	Traders
(b) No. SEC	1,000	20	7,127	8,000	1000	300	Traders
United States Co.	1,000	20	7,127	8,000	1000	300	Traders
France	1,000	20	7,127	8,000	1000	300	Traders
Japan	1,000	20	7,127	8,000	1000	300	Traders
China	1,000	20	7,127	8,000	1000	300	Traders
Chrysler Brothers Ltd. and Dodge Brothers Ltd. (Delaware)	1,000	20	7,127	8,000	1000	300	Traders
Carroll Brothers International	1,000	20	7,127	8,000	1000	300	Traders

GDP
Population, BRG 5,011,000
1966
(thousands) (US\$)

Remarks

WEST BRITAIN (cont'd)

Country	Local builder/manufacturer	Co-operating manufacturer	Vehicle	CV	USA	Country	Place of assembly/manufacturer	Degree of assembly or percentage of local manufacture	1968	1968	Annual production (year and no. of vehicles)	Financial participation by co-operating manufacturer (%)
	Euclid (GM) Ltd.	GMC	CV	CV	USA	Rothervell		100%				
0,614	Hino Motor Mollan	Hino Motors	CV	CV	Japan	Athens		100%	1968	1968	10	
	Humphreys Bros.	Izumi Motors Steca	CV	CV	Japan France	Athens Salonika		50%				
	Wolvo	Wolvo Kombi Bentz AG	Bus	CV	FRG			40%	1968	1968	200 approximately	
3,000	BB Saurer	BBP	CV	CV	USA	Conbury		85%	1968	1968	65	40

Under pressure

Year	Value	Country	Company	City	Year	Value	Country	Company	City	Year	Value
1954	408,000	Government	Bissac Motor Ltd.	Calcutta	1955	21,000	India	Bissac Motor Ltd.	Calcutta	1956	2,400
			Indian Motor Ltd.	Calcutta				Indian Motor Ltd.	Calcutta		
			DAFA-Engineering and Locomotive Co. Ltd.	Jamshedpur				DAFA-Engineering and Locomotive Co. Ltd.	Jamshedpur		3.50
			BLM	Bombay		4,000	India	BLM	Bombay		
			Standard Motors	Bombay		3,700	India	Standard Motors	Bombay		
			Windsor Motors	Calcutta		1,000	India	Windsor Motors	Calcutta		
			BLM	Calcutta		22,000	India	BLM	Calcutta		
			Radindra and Radindr.	Bombay		8,740	India	Radindra and Radindr.	Bombay		14.7
			Government	Jabalpur			India	Government	Jabalpur		
			Prasler	Bombay		12,100	India	Prasler	Bombay		
			Fiat	Bombay			Italy	Fiat	Bombay		
			Chrysler Corp.	Bombay			USA	Chrysler Corp.	Bombay		
			Bodge	Bombay			USA	Bodge	Bombay		
			P. T. Dattin	Sarabho			Australia	P. T. Dattin	Sarabho		
			BLM (Holden)					BLM (Holden)			
1955	107,000										

Plant under preparation

cap
 Population, per capita,
 1968
 (thousands) (US\$)

Source: Local builder/manufacturer

INDONESIA (cont'd)

Company	Co-operating manufacturer	Vehicle type	Country of co-operating manufacturer	Place of assembly	Degree of assembly or percentage of local manufacture	Annual production (year and no. of vehicles)	Financial participation by co-operating manufacturer (%)
Dana-Motor	DAF	CV	Netherlands	Batu	100		
	Chrysler	PV, CV	USA		100		
B.V. Indonesian Service Co. Ltd.	KUC	Jeep	USA	Djakarta			
Satca	Fiat	PV	Italy	Tehran	100(100)	1968	> 50
Loyland Motors	BLMC	CV	GB	Tehran	100		
Wharrie Co. Ltd.	MB	CV	FMS	Tehran	100	1968	1,772
Iran National Ind. Reinf. Co.	MB	Bus	FMS	Tehran	100	1968	2,400
Pars Luz	(Michener Kuehnel) Deutz AG	CV	FMS	Tehran	50	1968	300
	Boston-Cumner	CV	GB	Tehran	100		
	Avon	PV	GB	Tehran	100		
Zamyad Co. Ltd.	Volvo	CV	Sweden	Solampur	100(100)	1967	200
Shorhete Sabant Jeep	KUC	Jeep	USA	Tehran			
	MC	Jeep	USA	Tehran		1968	7,000

Population, 1972 (thousands) (1972)

Local miller/manufacturer (1972)

1972 (cont'd)

Local miller/manufacturer	o-operating manufacturer	type of vehicle	Country co-operating manufacturer	Place of assembly	Degree of assembly or percentage of local manufacture	Annual production (year and no. of vehicles)	Financial participation by co-operating manufacturer (%)
Buckley's Motors Ltd.	Reeves	PV, CV	GB		100		
Saunders and Grayley	Peugeot	PV	France	Leulin	100	1966-1970	
Standard Triumph (EHE) Ltd.	Triumph Rover	PV, CV	GB		100		
Standard Triumph (EHE) Ltd.	Rover	PV, CV	GB		100		
Standard Triumph (EHE) Ltd.	Scania (Leyland)	CV	GB		100		
Standard Triumph (EHE) Ltd.	Steyr	PV	France		100		
Standard Triumph (EHE) Ltd.	Vauxhall	PV	GB		100		
Standard Triumph (EHE) Ltd.	Bedford	CV	GB		100		
Standard Triumph (EHE) Ltd.	BJE	Jeep	USA	Herts	100	1970	100
Standard Triumph (EHE) Ltd.	BLC (Triumph)	CV	GB	Ashed	50	1962	100
Standard Triumph (EHE) Ltd.	Chrysler	CV	USA	Bedford	100	1968	100
Standard Triumph (EHE) Ltd.	Chrysler	CV	USA	Bedford	100	1968	100

Triumph
under
provision

1968

POP
 Population, MR. Castillo,
 1958 1966
 (Thousands) (1958)

Country	Local holder/manufacturer	Co-operation type of vehicle	Country of co-operation	Place of assembly	Degree of assembly or percentage of local manufacture	Annual production (year and no. of vehicles)	Financial participation by co-operating manufacturer
MEXICO	Diesel Nacional (DINA)	Remitt	France	Sahapen	30-70%	1966 10,000	97% by Ford.
		William	SP		100		
	Automobiles Ingleses	ARC	SP	Madrid	100		
	Motor Mexicana	Nissan Motors	Japan	Guerrazaca		1966 2,400	Other preparator
		Nissan Motors	Japan				
	General Motors Mexico SA	GMC	USA	Merida City	100	1966 11,000	2 factories
		GMC	USA	Merida City	100	1964 14,760	
	Industrias Rotomex Mexicanas SA	ARC	USA	Mexico City	60%	1962 10,000	37
		ELC	USA	Mexico City	100%	1966 9,432	2,4
	Volkswagen de Mexico	Volkswagen	FRG	Puebla	50%	1964 22,000	100
	Fabricas Auto Bus	Chrysler Corp.	USA	Toluca		1966 24,000	
		Dodge Corp.	USA	Toluca		1966 2,500	
	Ford Motor Co SA	Ford Corp.	USA	Mexico City	60%	1966 20,500	> 50
		Ford Corp.	USA	Mexico City		1966 8,000	
	Stemograph Nacional SA	Ford Motor Co.	USA	Merida City	100		

Population, 22, 221, 22
 1955
 (Source: 1955)

Degree of assembly or participation by co-operating manufacturer (%)

Country of co-operative assembly

Co-operation type of vehicle

Company Name

Annual production (year and no. of vehicles)

Company Name	Co-operation type of vehicle	Country of co-operative assembly	Degree of assembly or participation by co-operating manufacturer (%)	Annual production (year and no. of vehicles)
J. J. Salomon (Association Number) 12, 420 1, 620	BE	BE	100	
GM Continental	BE	USA	100	
	BE	USA	100	
Chrysler Corp.	BE	USA	100	4, 354
Dodge	BE	USA	100	100
Ford Corp.	BE	USA	100	25, 370
Ford Corp.	BE	USA	100	1, 000
A. V. Beemster's Chevrolet	BE	France	100	1, 201
V. Englemont	BE	USA	100	0
Renault	BE	USA	100	20
Lightning 241000	BE	USA	100	240
DeSoto	BE	USA	100	240
Chrysler	BE	USA	100	1, 200

Including Belgium & Luxembourg

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Company Name	Country	Company	CV	USA	Line	DOB(198)	DOB	Prod. Year to start
Chrysler Peru	USA	Chrysler Corp.	CV	USA	Line	DOB(198)		
Indus Peru	PER	Indusperu	PV	PER	Line	DOB	1967	60%
Avias SA	PER	AV	PV	PER	Line	DOB	1968	71
Fiat-Peru	PER, CV	Fiat	PV, CV	Italy	Line	DOB(198)	1966	65% > 50
Toyota del Peru SA	PER, CV	Toyota Motor Co.	PV, CV	Japan	Punto Piedra	DOB	1967	50%
Indus Peru	PER, CV	Indus Motor Ltd.	PV, CV	Japan		DOB		
Registriar las Mercedes	PER	Mercedes Motors	PV	Japan		DOB		
Industrial Automotriz Peruana SA	PER	Renault	PV	France	Line	DOB	1966	50%
		RE	PV	USA	Line	DOB(198)		50%
		Pugeot	PV	France	Line	DOB	1966	30%
		Sinca	PV	France	Line			
					France			Under preparation
Scania SA viables del Peru	CV	Scania-Indus	CV	Sweden	Line	DOB	1967	100%
Volvo del Peru	CV	Volvo	CV	Sweden	Line	DOB(198)	1967	75%
Liberty Rot	PER	Renault	PV	France	Manilla	DOB	1966	60%

Population, 1968
1969
(thousands)

Country Local builder/manufacturer Co-operation type of vehicle Country of co-operation assembly/ Place of assembly/ Degree of assembly or participation by co-operating manufacturer (%) Annual production (year and no. of veh. sig.)

PHILIPPINES (cont'd)

Country	Local builder/manufacturer	Co-operation type of vehicle	Country of co-operation assembly/	Place of assembly/	Degree of assembly or participation by co-operating manufacturer (%)	Annual production (year and no. of veh. sig.)
	Luzon Motors Inc.	PV				
		4 x 4	Japan	Cebu	100	150
		PV	USA	Calapan City	100	144
		PV	GB		100	
		PV	GB		100	1,500
	Chrysler Corp.	PV	USA	Manila	100	
		PV	USA	Manila	100	
		PV	France	Manila	100	220
		PV	USA	Manila	100	
		PV	USA	Manila	100	
		PV, CV	GB			6,000
		PV, CV	USA			
		4 x 4	GB			
		PV	USA, FMS	Manila	100	
			GB			
		CV	GB	Manila	100	6,500
		CV	GB	Manila	100	

Fabring
Chrysler Corp.
Manila Trading
Luzon Motors
G. A. Motors Inc.
Yuteco Sons

EXHIBIT (cont'd)

Representative	Alfa Romeo	PN	Italy	Jeerson City	CEO	Assembly operations started 1966
	Fiat	PN, CI	Japan		CEO	1,200(PN)
	Fiat	CI	FRG		CEO	100
International Motors	IS	PN	FRG	Rubatt, Biral	CEO	870
	IS	CI	FRG	Rubatt, Biral	CEO	100
Beito Motors	Toyota	PN, CI	Japan	Biral	CEO	2,500
B.A.S. Corp.	Volkswagen	PN	FRG	Bunt's	CEO	2,700
Valliant Motors Corp.	Toyota Motor Co.	PN	Japan	Rubatt, Biral	CEO	200
	Fiat	PN	Italy	Marzani	CEO	1,000
Fabbrica Sarnachese Gombouch (FSO)						
	Renault	PN	France	Uzardo	CEO	1,630
Industrias Lusitanas Benedit	Renault-Safran	CI	France	Ferdon Bova	CEO	<50
GM de Portugal	GM Opel	PN	FRG		CEO	3,550
	GM Bedford	CI	GB	Azambuja	CEO	1,813
Ford Lusitania S.A.R.L.	Ford Cologne	PN	FRG	Azambuja	CEO (100%)	>50
	Ford GB	PN, CI	GB	Azambuja	CEO (100%)	5,000

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Population, 1965, 1966, 1967
(thousands)

Country Name, Co-operation Type of Vehicle, Country of Co-operation, Place of assembly, Degree of assembly or percentage of local production, Annual production (year and no. of vehicles), Financial participation by co-operating manufacturer

AFRICA (cont'd)

Country	Co-operation	Type of Vehicle	Country of Co-operation	Place of assembly	Degree of assembly or percentage of local production	Annual production (year and no. of vehicles)	Financial participation by co-operating manufacturer
South Africa	IBMC (USA)	CV	France	Johannesburg	100	1965	700
Botswana	DeWitts Motors Co.	PV	Spain	Botswana			
Swaziland	Steger Brothers Pty	Cross-country vehicle	Austria	Johannesburg	100	1967	100
Kenya	Asian Motors Company Ltd.	Station WVC	France	Nairobi			
Uganda	Sheepen Motor Co.	L.V.	USA	Uganda			
Tanzania	Boston Motor Co. (R. Ltd)	PV	FR	Uganda	100	1968	1,000
	ABC	CV	FR	Uganda	100	1968	1,200
Kenya	Ford Motor Company of Kenya (Private) Ltd.	PV, CV	FR	Uganda	100	1968	2,400
Zambia	Compassion Bus Zambia	CV	FR	Uganda	100	1968	1
	ABC	PV	FR	Uganda	100	1968	1
	ABC	P.V.C.	FR	Uganda	100	1968	1

GNP
Population, 207,500,000
1968
(thousands) (US\$)

Country Local industrial producer Value of local production of goods and services % of GNP

INDONESIA 4,460 200 STIA

Co-operation	Year of	Country of	Place of	Degree of	Annual production	% of GNP
Manufacturer	local	co-operation	assembly	assembly or	of goods and	services
Manufacturer	Year	Manufacturer	Manufacturer	Manufacturer	Manufacturer	Manufacturer
Renault	1954	France	Soeraba	100%	1400	7%
Renault-Saigon	1954	France	Soeraba	70%	1400	7%
Berliet	1954	France	Soeraba	10-15%	1400	10%
Fiat	1954	Italy	Soeraba	7-8%	1400	5%
Ford	1954	USA	Soeraba	100%		

TURKEY 31,910 200 MAVI

Co-operation	Year of	Country of	Place of	Degree of	Annual production	% of GNP
Manufacturer	local	co-operation	assembly	assembly or	of goods and	services
Manufacturer	Year	Manufacturer	Manufacturer	Manufacturer	Manufacturer	Manufacturer
Renault-Saigon	1954	France	Istanbul	100%	1400	14%
ELC	1954	USA	Istanbul			
Volswagen	1954	FRG	Istanbul	100%	1400	14%

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Company Name	Country	Year	Revenue	Assets	Liabilities	Equity
International Telephone & Telegraph	USA	1974	1,100	1,100	1,100	0
International Telephone & Telegraph	USA	1975	1,200	1,200	1,200	0
International Telephone & Telegraph	USA	1976	1,300	1,300	1,300	0
International Telephone & Telegraph	USA	1977	1,400	1,400	1,400	0
International Telephone & Telegraph	USA	1978	1,500	1,500	1,500	0
International Telephone & Telegraph	USA	1979	1,600	1,600	1,600	0
International Telephone & Telegraph	USA	1980	1,700	1,700	1,700	0
International Telephone & Telegraph	USA	1981	1,800	1,800	1,800	0
International Telephone & Telegraph	USA	1982	1,900	1,900	1,900	0
International Telephone & Telegraph	USA	1983	2,000	2,000	2,000	0
International Telephone & Telegraph	USA	1984	2,100	2,100	2,100	0
International Telephone & Telegraph	USA	1985	2,200	2,200	2,200	0
International Telephone & Telegraph	USA	1986	2,300	2,300	2,300	0
International Telephone & Telegraph	USA	1987	2,400	2,400	2,400	0
International Telephone & Telegraph	USA	1988	2,500	2,500	2,500	0
International Telephone & Telegraph	USA	1989	2,600	2,600	2,600	0
International Telephone & Telegraph	USA	1990	2,700	2,700	2,700	0
International Telephone & Telegraph	USA	1991	2,800	2,800	2,800	0
International Telephone & Telegraph	USA	1992	2,900	2,900	2,900	0
International Telephone & Telegraph	USA	1993	3,000	3,000	3,000	0
International Telephone & Telegraph	USA	1994	3,100	3,100	3,100	0
International Telephone & Telegraph	USA	1995	3,200	3,200	3,200	0
International Telephone & Telegraph	USA	1996	3,300	3,300	3,300	0
International Telephone & Telegraph	USA	1997	3,400	3,400	3,400	0
International Telephone & Telegraph	USA	1998	3,500	3,500	3,500	0
International Telephone & Telegraph	USA	1999	3,600	3,600	3,600	0
International Telephone & Telegraph	USA	2000	3,700	3,700	3,700	0
International Telephone & Telegraph	USA	2001	3,800	3,800	3,800	0
International Telephone & Telegraph	USA	2002	3,900	3,900	3,900	0
International Telephone & Telegraph	USA	2003	4,000	4,000	4,000	0
International Telephone & Telegraph	USA	2004	4,100	4,100	4,100	0
International Telephone & Telegraph	USA	2005	4,200	4,200	4,200	0
International Telephone & Telegraph	USA	2006	4,300	4,300	4,300	0
International Telephone & Telegraph	USA	2007	4,400	4,400	4,400	0
International Telephone & Telegraph	USA	2008	4,500	4,500	4,500	0
International Telephone & Telegraph	USA	2009	4,600	4,600	4,600	0
International Telephone & Telegraph	USA	2010	4,700	4,700	4,700	0
International Telephone & Telegraph	USA	2011	4,800	4,800	4,800	0
International Telephone & Telegraph	USA	2012	4,900	4,900	4,900	0
International Telephone & Telegraph	USA	2013	5,000	5,000	5,000	0
International Telephone & Telegraph	USA	2014	5,100	5,100	5,100	0
International Telephone & Telegraph	USA	2015	5,200	5,200	5,200	0
International Telephone & Telegraph	USA	2016	5,300	5,300	5,300	0
International Telephone & Telegraph	USA	2017	5,400	5,400	5,400	0
International Telephone & Telegraph	USA	2018	5,500	5,500	5,500	0
International Telephone & Telegraph	USA	2019	5,600	5,600	5,600	0
International Telephone & Telegraph	USA	2020	5,700	5,700	5,700	0
International Telephone & Telegraph	USA	2021	5,800	5,800	5,800	0
International Telephone & Telegraph	USA	2022	5,900	5,900	5,900	0
International Telephone & Telegraph	USA	2023	6,000	6,000	6,000	0
International Telephone & Telegraph	USA	2024	6,100	6,100	6,100	0
International Telephone & Telegraph	USA	2025	6,200	6,200	6,200	0
International Telephone & Telegraph	USA	2026	6,300	6,300	6,300	0
International Telephone & Telegraph	USA	2027	6,400	6,400	6,400	0
International Telephone & Telegraph	USA	2028	6,500	6,500	6,500	0
International Telephone & Telegraph	USA	2029	6,600	6,600	6,600	0
International Telephone & Telegraph	USA	2030	6,700	6,700	6,700	0

POP
 Population, 1985, 1986
 1987
 (Thousands) (US\$)

Financial participation by co-operating manufacturer (%)

Source: LOCAL BUILDERS/MANUFACTURERS

VENEZUELA (cont'd)

Local builder/manufacturer	Co-operating type of vehicle	Country of co-operating assembly/manufacturer	Place of assembly/manufacturer	Degree of assembly or percentage of local manufacturer (%)	Annual production (year and no. of vehicles)	Financial participation by co-operating manufacturer (%)
Volkswagen Inter-Americana	Volkswagen	FRG	Palos Sola	100	1987 5,400	
Willys de Venezuela SA	Jeep	USA	Tejeras	100	1,761	100
Compania Anonima Incares	Toyota Motor & Co. Ltd.	Japan	Caracas	100	500	
	Fiat	Italy	Maripjans	100 (50)		
	Fiat	Italy	Maripjans	75	50,724	< 50
Fabrica Automobilla Perbej	Saenar	Austria	Perbej na Lima	75		
	GM	Italy	Perbej na Lima	75	3,109	
Ymama Automobiles Maribar	Regione Borsiz	FRG	Maribar	75	3,808	
Tanco	Citroen	France	Esper	100	1,805	Competition by export to France
Proffis	GM	FRG	Sarajeno	50	1,000	6,300
Robust-Judo	Stazo	France	Spitt	100		

2000.013 (cont'd)

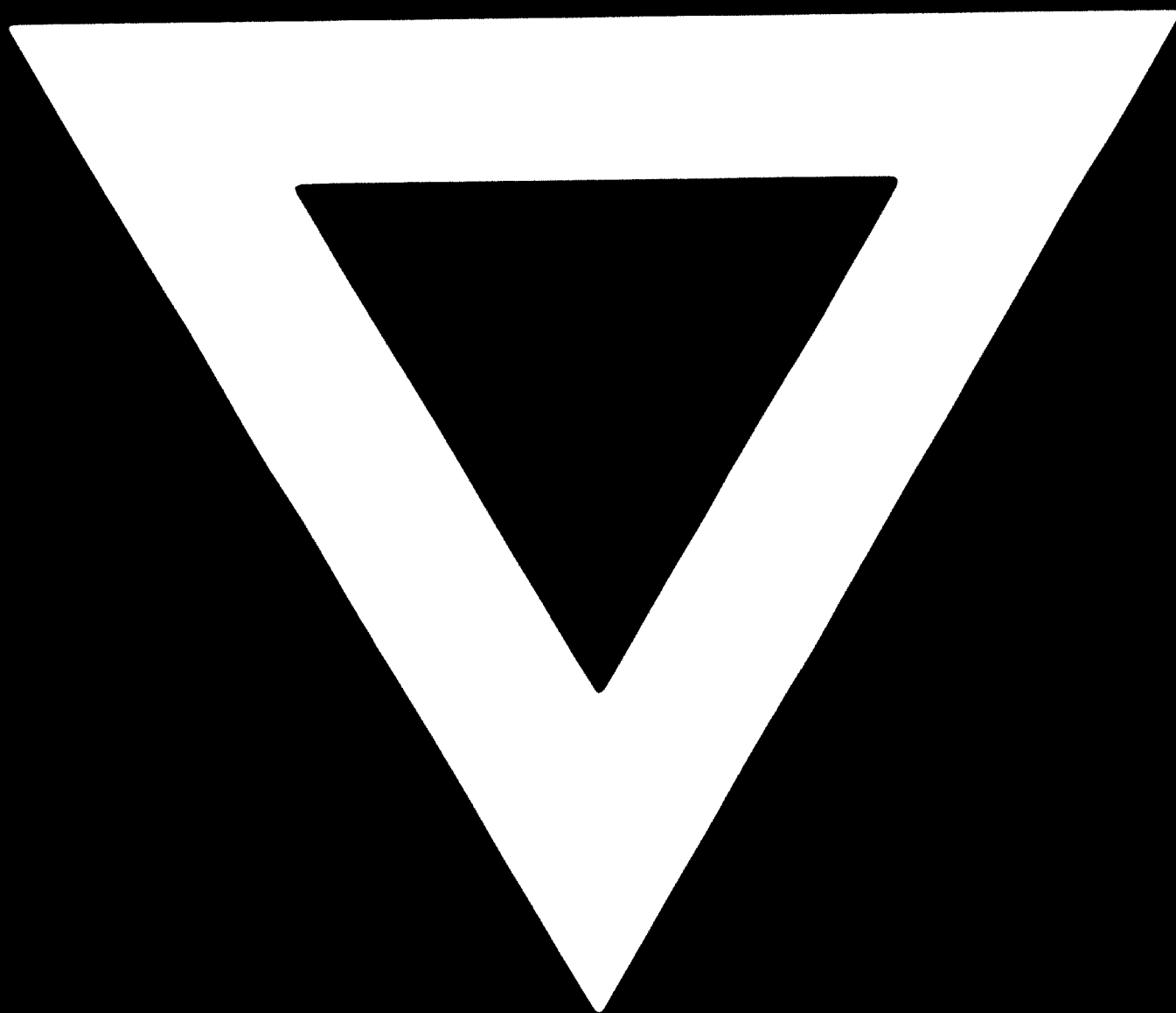
Industrial Automatics Corp	ILC	PA	08	08	08	08	08	08	08
1-0	Electric Machinery Div of ILC	03	PA	PA	PA	PA	PA	PA	PA
2,000	1-0	1-0	1-0	1-0	1-0	1-0	1-0	1-0	1-0
2,000	1-0	1-0	1-0	1-0	1-0	1-0	1-0	1-0	1-0

1-0

2,000

2,000





76.02.09