

ProMotive HD - 610 048 068 A74 2

Informations générales

VARTA Références	610 048 068 A74 2
Code ETN	610 048 068
Référence abrégée	I5
Unité d'emballage	1
Etat de l'article	001

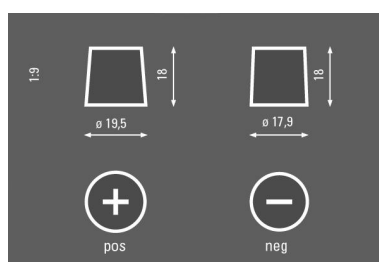
Informations Techniques

Voltage [V]	12	Longueur [mm]	347
Capacité (Ah)	110	Largeur [mm]	173
Courant d'essai à froid, DIN [A]		Hauteur [mm]	234
Courant d'essai à froid, NE [A]	680	Hauteur de fixation	214
Borne	1	Taille de bac	LOT 7
Rebord de fixation	B00		

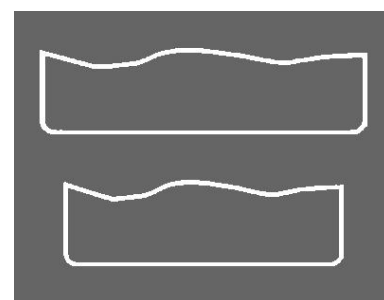
Représentation



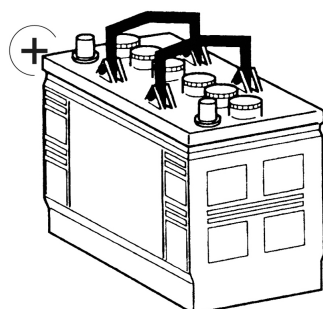
Photo



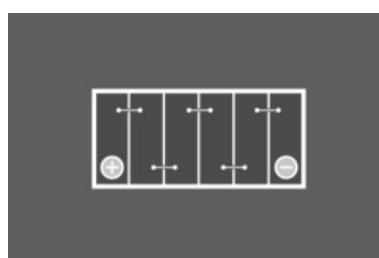
Borne



Listeau



Dessin technique



Disposition pôles

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BEDFORD		
BLITZ (CF97)	08/69	10/87
2.3 (58 kW)		
2.3 D (46 kW)		
2.0 D (44 kW)		
2.1 D (44 kW)		
LAND ROVER		
RANGE ROVER I	10/69	04/96
3.5 Vogue 4x4 (93 kW)		
3.5 4x4 (107 kW)		
4.3 Vogue LSE 4x4 (149 kW)		
3.9 Vogue SEI 4x4 (134 kW)		
3.9 Cat 4x4 (127 kW)		
2.4 TD 4x4 (78 kW)		
RANGE ROVER II (P38A)	07/94	03/02
2.5 D 4x4 (100 kW)		
AEC		
Others		
RANGER		
AKERMANS		
Others		
H7B, H12B, H16B, H21C, H25C		
ALBION		
EN		
EN289		
Others		
EN216 Engine, 218		
RE229		
ALLIS-CHALMERS		
300		
345		
500		
545B		
5000		
5050		
600		
605		
6000		
6040		
6060		
6070		
6080		
6140		
7000		
7000Series		
8000		
8000Series		
AC		
AC7580		

ALLIS-CHALMERS		
AC		
AC8580		
ACP		
ACP-110		
ACP-130		
ACP-165		
ACP-180		
ACP-150		
ACP-20 Using Diesel		
ACP-200		
ACP-30 Using Diesel		
ACP-40 Using Diesel		
ACP-45 Using Diesel		
ACP-50 Using Diesel		
ACP-55 Using Diesel		
ACP-60 Using Diesel		
ACP-70 Using Diesel		
BTL		
BTL10		
Gleaner		
Gleaner		
N		
N5, N6, N7 Harvey		
ARMAL		
Others		
MV135, MV 185, MV 250		
MV 50		
ATLAS COPCO		
Others		
PR 365, PR365 Cud, PR 600,		
PR1425		
PR365RD, PR363COD, PR600RD		
PR600, PR 600Cud, PR600Rd		
VT3/4, VT5		
AVELING BARFORD		
Others		
GB, GF, GR		
SR1		
SW4, SW5		
VR3, VR4		
MT		
MT1		
Ailsa Craig		
Others		
RF2, RFS2, RF3, RFS3		
RF4, RFS4, RF6 RFS6, RF26		
RFS3, RK4, RKR4, RKS4		
RKR5, RK6, RKR6, RKS6		

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Ailsa Craig

Others

RKRS, RLT, RLTR Engines

RL1, RLR1, RLT1,

RL2, RLR2, RLS2

RF

RF26

RK

RKS3

Akerman

H

H12B; H16B; H21C; H25C

H7B

Allen

Others

140 Trencher

K52, KK62, K64

T62, T64, T644

K

K64MK11,

KK

KK62

MK

K111,

Atlas

Air Partner

Air Partner Unit

BARBER-GREENE

Others

837 Asphalt Finisher

BAUTZ

Others

Commodore

BEDFORD

CF-Serie

CF-serie D

TK-Serie

TK 1000

TK 1020

TK 1260

TK 1470

TK 1500

TK 1600

TK 1630

TK 220

TK 381

TK 466

TK 500

TK 750

BEDFORD

TK-Serie

TK 860

BENFORD

Others

MA 2000 Forklift

MA

MA2000

BLAW KNOX

Others

Movetruck Pumps 5in & 6in

BOSS TRUCKS

1000

1000 Series

1800 Series

200

200 Series

200 Series,

2000

2000 Series

300

300 Series

400

400 Series

500

500 Series

800

800 Series

MB

M -Series

P

P -Series

BROOM & WADE

Others

SV398

WR315, WR380

BTG

FD

FD 25; 30

Others

FD25, 30

BUCHER Schörling

Excavator

FE18

D

D 1700; D 1800; D 2000; D 4000

BUNGARTZ & BESCHKE

T

T 6; T 7

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BUNGARTZ & PESCHKE

Others

T6, T7

CASE

1000-Serie

1270, 1370

2000-Serie

2090, 2290, 2390

2670

2094, 2294

4000-Serie

4890

400-Serie

485XL

5000-Serie

5130

500-Serie

585XL

600-Serie

685XL

700-Serie

785XL

800-Serie

885XL

900-Serie

916, 918

995

Caterpillar tractor

1150 A, B, C

Magnum

MX 180, 200, 220

MX 240, 270

MX MX180; MX200; MX220;

MX240; MX270

Maxxum

5120, 5130, 5140, 5150

MX 100, 110, 120, 135

MX 150, 170

Tractor

Uni-Loader 1816, 1830, 1845

Tractorexavator

8000

800T, 900T, 8000, 9000

Wheel loaders

1816, 1830, 1845

345B, 545B, 605B

L30

L330C

W7E

CASE

Wheel loaders

W9B, W9E, W14, W20B

1000

1150 A; 1150 B; 1150 C

1816

1830

1270; 1370

1845

200

2090; 2094; 2290; 2294; 2390;

2670

300

345 B

400

485 XL

4000

4890

500

545 B

585 XL

600

605 B

685 XL

900

916; 918

L180 D;

L30

Maxxum

5120; 5130; 5140; 5150

MX

MX100; MX110; MX120; MX135

Uni loader

1816 1830; 1845

W

W7 E; W9 B; W9 E; W14; W20 B

W7; W7 C; W9; W9 A

CASE CONSTRUCTION

1000

1150C

2000

2090: 2290 : 2390

2590

2470: 2670: 2870

2094: 2294

300

385

3000

3294: 3394: 3594

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CASE CONSTRUCTION

400
485
4000
4490: 4494
4690: 4890
4694: 4894: 4994
500
585
600
685
700
785
800
885
H
H85
W
W10E
W7E

CASE IH

Construction
2090, 2094, 2290, 2294, 2390,
2470
2590, 2670, 2870,
3294, 3394, 3594
385, 485, 585, 685, 785, 885,
1150C
4490, 4494, 4690, 4694, 4890,
4894, 4994
H85
W7E, W10E
W9B, W12
Excavator
D8-61/62, 275, 276
Others
1830, 1845
2670
354, 444, 45
500, 574
580/590
634, 674, 684, 685
B276
B354, B434, B444, B454, B474,
B574
B5, B85, BH25, BH85, H25B
B634, B674
BUD154

CASE INTERNATIONAL (IH)

1000
1150 A, B, C
1270
1370
1816
1150C
1200 Tractor
1494 Tractor
1594 Tractor
1694 Tractor
2000
2090; 2094; 2290; 2294; 2390;
2470
2300
2350
2394
2594
2090 Tractor
2094 Tractor
2096 Tractor
2276 Tractor
2290 Tractor
2294 Tractor
2390 Tractor 2WD
2400A, B, GD
2400SM
2405B Tractor
2410B Tractor
2412B Tractor
2500SM
300
354 Tractor
383 Tractor
3000
3654 Tractor
400
415M
455
440-8
450 Combine
453 Tractor
454SM
455C Tractor
471, 474, LP
485 XL Tractor
4000
4490 Tractor 4WD
4994

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CASE INTERNATIONAL (IH)

4000
 4494
 4500 Tractor
 4600 Tractor
 4690 Tractor
 4694, Tractor
 4890 Tractor
 4894 Tractor
 500
 500 Payloader
 574
 696
 515Tractor
 523Tractor
 531Combine
 533 Tractor
 533V Tractor
 533A Tractor
 540Tractor
 541Combine
 544 HS Tractor545B
 545B
 553Tractor
 553ATractor
 544A Tractor
 554Tractor
 560B Tractor
 574Tractor
 580 Tractor
 580E Tractor
 580F Tractor
 580G Blackhoe-Loader
 580H Loader
 580K Tractor
 585XL
 600
 605B
 684/685 1983 on
 684/784
 685XL
 700
 784/785 1983 on
 800
 800T
 884/885 1983 On
 8000
 8000

CASE INTERNATIONAL (IH)

900
 900T
 916
 918
 9000
 9000
 B
 B2275, BU
 B 444 Tractor
 L
 L30
 L330C
 Magnum
 MX 180
 MX 200
 MX 220
 MX 240
 MX 270
 Maxxum
 5120
 5130
 5140
 5150
 MX 120
 MX 150
 MX 170
 TD
 TD 5 Crawler Tractor
 Uni loader
 Uni-Loader 1816
 Uni-Loader 1830
 Uni-Loader 1845
 W
 W20B
 W9
 W9E
CATERPILLAR
 Asphaltiermaschinen
 CB434D (62 kW)
 PF300C (75 kW)
 Bulldozer
 D6R Serie 2 WH (138 kW)
 Construction Series
 4610, 4620,
 Forestmachines
 836, 838
 Hydraulikbagger
 304C CR (31 kW)

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CATERPILLAR

Hydraulikbagger

312C (67 kW)

312C L (67 kW)

Mobilbagger

M318D (124 kW)

Radlader

906H (51 kW)

914G (72 kW)

908H (58 kW)

924Gz (97 kW)

924G (97 kW)

Tractor

501D, 501PD, 502D, 502PD,

502S, 590

601PD

T30B, T35B, T40B, T45B, T50,

T55B, T60B

V30B, V35B, V40, V41B, V40B,

V45B

V41, V41B, V50B, V51B, V55B,

V60, V60B

V60C, V80C

Workingmachines

D4 E

120H

140H

M318 MH, M320 MH

D6R series II, WHA

D8R, D8R II, WHA

100

120H

130

140H

200

216

226

236

246

248

300

304.5

307B

312B, BL

312C, CL

315B L

320B MH

325B

CATERPILLAR

300

325B MH

325C, C MH

330B MH

400

416D

420D, D IT

424D

428C Turbo

428D

432D

438D

438D AWS

442D AWS

442D

500

590

600

613C II

800

816F

824G II

826G

826GII

900

902

906

908

950G

953C, WHA

962G

963C, WHA

980G II

CB

CB-214C, 224C, 224C COMBI

CB-214D, 224D, 225D COMBI

CB-335D COMBI

CB-434C

CB535B COMBI

CB634C

CB816 F

CB826 G; CB826 G II

Challenger

Challenger Tractor 55

Challenger Tractor 65C, 65D

Challenger Tractor 70C

Challenger Tractor 75C

Challenger Tractor 85C

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CATERPILLAR

CP

CP-433C

CP-533D, 563D

CS

CS-433C

CS-531D, 533D, 563D, 573D,

583D

D

D5M XL, LGP

D6G

D6M XL, LGP, WHA

D8R, D8R II, WHA

DP

DP35N

IT

IT 24: IT24F

M

M312

M315

M318

M318 MH

M320

M320 MH

PS

PS-200B, 300B

T

T30B Forklift Truck

T35B Forklift Truck

T40B Forklift Truck

T45B Forklift Truck

T50B Forklift Truck

T55B Forklift Truck

T60B Forklift Truck

TH

TH103

TH62

TH63

TH82

TH83

V

V30 Forklift Truck

V40 Forklift Truck

V70D Forklift Truck

V80C: V80D Forklift Truck

CHALLENGER

H

20, 25, 30 E diesel

CLAAS

Ranger

925 plus; 964 plus; 965 plus

974 plus; 975 plus

CLARK EQUIPMENT

Tractor

243

85

BOBCAT825

C500

CH500

CY500

T65 DUMP TRUCK

CLARK-MICHIGAN

L

L190

L270

L320

L480

COLES

Others

1 TON

AP415

AT1100

AT528, AT633, AT865,

RT615, RT620, RT625, RT628,

RT630, RT640

SUPERTRUCK 820,

SUPERTRUCK 825,

SUPERTRUCK 830

1Ton

1 TON

Grove

Husky 13/17T

Husky 18/22TCC

Husky 18/22TSC

Hydra13/17T

Hydra 18/22T, 25/30T

Hydra 30/35T

Hydra40/45T

COMMER-KARRIER-DODGE

K

K2413T

CONVEYANCER

Others

D4

TC5-serien

D

D4

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CONVEYANCER

TC

TC5-series

COVENTRY CLIMAX

Tractor

4000, 5000

Challenger

H

20, 25, 30 E Diesel

DAEWOO

Others

DSL 600

DAVID BROWN

1000

1210 Selectamatic

1212 Selectamatic

900

970 Selectamatic

DODGE

Others

DKC range

K 1100

K2413T

K 3820

K, KP range

DOUGLAS EQUIPMENT

D

DC2

DC2; TUGMASTER

DRONNINGBORG

Combine harvesters

7000, 7200

DYNAPAC

Others

CC20, CC40

CG11, CG12

EICHER

Others

3153

3253, 3254,

3000

3353

3354

F E WEATHERILL

S

S3

F.E.WEATHERHILL

Others

S3

FAHR

Farmer

2DE

2E

3S

FIAT

700

745

Series

Laverda

FIAT-ALLIS

Others

BD8

FIATALLIS

100

100C

6000

6500

B

BD 7

BD 8

BD8

G

G 170; G 180; G 210; G 240

LS

LS 140; LS 160; LS 170; LS 180;

LS 190

LX

LX 465; LX 485

LX 565

LX 665

LX 805; LX 885

MO

FR 12

SA

FR 10 : FR10 B: FR 10C

Series

80C,

80CL

FODEN

Haulmaster

Haulmaster

Others

ER

FCU over 40 tons

FE, FG, FLE models

HAULMASTER Range

S 104, 106, 108

Tilt Cab

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FODEN

S

104, 106, 108

83

S104

S106

S108

S83

Tiltcab

Gardner Engine

Gardner Motor

FORD

CARGO SERIES

1012, 1013

1112, 1113, 1114, 1115

608, 609, 611, 708

708, 709, 711, 712, 713

808, 811, 813, 815

913, 915

Others

1013, 1315, 1924

1620

2417, 2624, 3424

D & K PASSENGER

D SERIES

Cargo	198104
609 (63 kW)	01/82 01/96
709 (63 kW)	01/82 01/96
711 (81 kW)	01/82 01/96
809 (63 kW)	01/82 01/96
809 K (63 kW)	01/82 01/96
811 (81 kW)	01/82 01/96
913 (94 kW)	01/82 01/96
915 (110 kW)	01/82 01/96
1113 (94 kW)	01/82 01/96
1115 (110 kW)	01/82 01/96
1215 (110 kW)	01/82 01/96
712, 713 (89 kW)	05/81 01/87
812, 813 (89 kW)	05/81 01/87
1013 (94 kW)	01/82 06/94

FORD

500

590E

900

957E

GMC

Others

WHITE

GROVE

Others

AT5285

TM750 E

HINO

Others

KM KL KLR KR

HITACHI

EX-Serie

EX100WD, 160WD

UH

UH63

HOLMAN

T

T20D

T25D

T36D

TA

TA130

TA13D

HOLMAN COMPRESSORS

Others

TA130

HOUGHIN

Others

148

20/51 KW, 80KW

GPU

Series

80KW

HOUGH

Others

DH65C

DH

DH65C

HYDROCON

Others

ADMIRAL

HIBERNIAN, HIGHLANDER,

HUNTLEY, CHIEFTON, SUPER

SIX

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HYDROCON

Cheiftain,

Cheiftain

HYMAS

Excavator loaders

800T, 900T, 8000, 9000

800

800T; 900T; 8000; 9000

HYMATIC (Compair)

Others

140D, 1500

100

140D

1500

HYSTER

H-Serie

H20, 25, 30E diesel

HC

Others

KARRY KRANE

UC, UE

YC, YE

P-Serie

P40A, 50A

H

H25,diesel

Karry

Karry Krane

UC

UC

HYUNDAI

Excavator

130LC3, 290LC3

IHC

100

100B; 100 B II

1000

1835 D; 1840D

500

500; 510; 515

525; 527; 9350; 9370

Axial

Flow 2300; 2366; 2388

BH

BH30; BH50

CF

CF 80

CVX

CVX120; CVX130; CVX150;

IHC

CVX

CVX170

H

H60; H65; H65B

Magnum

7110; 7120; 7130; 7140

Mammut

6900; 7400; 7800

Mamnut

8790

Maxxum

5120; 5130; 5140

MB

MB 1620; MB1640; MB1660;

MB1680

MX

MX100; MX110; MX120; MX135;

MX150

MX170; MX180

MX200; MX220; MX240

MX250; MX270

TD

TD20E

INGERSOLL-RAND

Compressor

P100, 140

Others

DRAF125, DR140, DR150

P600/900

TP105, TP120, TPG120, TPF120,

TPM120, TP210

INTERNATIONAL-HARVESTER

Excavators

JD440B m/Power skift

JD540A

JD544, 544A, 644A

PC160, PC180, PC200EN-6

PC230, PC290

PC40

PW130, PW150, PW170-6,

PW200/220-7K

400XL

485XL

500

574

500XL

585XL

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INTERNATIONAL-HARVESTER

600
685XL
700
785XL
800
856XL
885XL
JD
JD440B m/Power skift
JD540A,
JD544A
JD5544
JD644A
PC
PC12; PC15; PC40
PC160
PC180,
PC200EN-6
PC40
PW
PW130
PW150
PW170-6
PW200/220-7K
SK
SK04J-2
XL
485XL; 585XL; 685XL
785XL
855XL
J C BAMFORD (JCB)
800
802Mini Crawler excavators
JACQUET
Others
Hydro 810, 814
Hydro
Hydro810; Hydro 814
JCB
800-Serie
802 MINI
JOBU
Timberjack
105, 209, 230
100
105; 209; 230

JOHN DEERE

5000-Serie
5440
7000-Serie
7600, 7700, 7800
Others
LD544,
Tractors
7730, 7830, 7930
8230, 8330, 8430, 8530
4000
4630
500
544
600
644C Log Loader
7000
7600
JD
JD540
JD544 B
LD
LD544
JONES CRANES
Others
KL65
JOY SULLIVAN
Others
R365, RP600
RPY125
JOY SULLIVAN
R
R365
KOMATSU
Hydraulikbagger
PC120, PC150, PC150HD,
PC150NHD
PC280LC, PC280NLC
PC160LC-7 (82 kW)
PC180LC-7 (82 kW)
PC180LLC
PC240
PC
PC150HD
PC 210- 6K
PC210-7
PC210LC
PC240LC
PC240NLC

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KRASSER

KH

KH 14

KH 14-3

KH 15-3

KH 16W

KH 18

KH 20

KH 28

KH 90

L

L 245DT

L 295

L 285

L 345 Mk.11

L 345

L 345DT

L 355

RW

RW25

RW30

RW30S

RW35

KUBOTA

KH-Serie

KH14-3, KH15-3, KH16W, KH18,
KH20, KH28

L-Serie

L 285, 295, 345, 355

L345, L245DT

L345DT

Others

345

RW25, RW30, RW30S, RW35

LANCER BOSS

Side Loaders

1000, 1800, 2000

180, 200, 300, 400, 500, 700, 800

Series

200 Series,

300Series

LEYLAND

Bison

Bison BN

Bufallo

Buffalo BU

Chieftain

Chieftain

LEYLAND

Clydesdale

Clydesdale

Eland

Eland

JU

JU J4 D

Others

BEAR

01/72

BISON

01/69

01/78

LYNX

01/69

01/78

COMET

Tractors

253, 255

200

255

LEYLAND NUFFIELD

Others

3/45

352

100

154

300

345

352

Series

10/42

3DL

LJUNGBY-MASKIN

Others

1015, 1016, 1118

1221, 1321

1630, 6131

3122, 1526, 1530

1000

1015; 1016; 1118; 1221; 1321

1630; 1526; 1530

3000

3122

6000

6131

MANITOU

Others

MB20, MB25, MB25C, MB26C,

MB30

MC10, 15, 20, 25, 30

MC20H FORK LIFT

ROUGH TERRAIN VEHICLE

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MANITOU			MUIR HILL
MC			Others
MC 18			LH2 MKIV, LH4N
MASSEY FERGUSON			MUIR HILL
MF-Serie			LH
MF1100, MF1105, MF1135,			LH4N
MF1155			NISSAN
MF240, MF250, , MF263, MF265,			Others
MF290, MF307			DF05A50U, DF05A60U,
MF300, MF410, MF410/8			DF5A70U
MASSEY FERGUSON			EF02
MF 1000			FF05A70U
MF 1035			QF01
MF 1085			QFF02 FORK LIFT
MF 1130			NUFFIELD-BMC
MF 1150			Others
MATISA			245, 253
BT			200
Ballast Tamper			245:253
MC CORMICK			Series
C			4/25:
CX 105			ORENSTEIN & KOPPEL
CX 75 XTRA SHIFT			Others
CX 85 XTRA SHIFT			MH 374, MH 376
CX 95 XTRA SHIFT			MH6
MEILI			RH 374, RH 376
Others			ORENSTEIN & KOPPEL
MD1000, MD 1001			RH
MD			RH -374: RH-376
MD 100; MD 1001			PAYLOADER
MERCURY			Wheel loaders
Industrial			510, 515
Industrial Truck			H25B, 500
Series			500
55F			500
mitsubishi			510
Canter (FE5, FE6) 6.Generation 198607			515
Canter 35 (69 kW)	08/96	12/99	H
Canter 35 (85 kW)	07/98		H25B
Canter 35 (92 kW)	09/01		RENAULT
Canter 55 (92 kW)	09/01		100-Serie
Canter 60 (105 kW)	09/01		103.12 TS, 103.14 TS
Canter 75 (105 kW)	09/01		103.12 TX, 103.14 TX
Canter 60 (86 kW)	07/86		500-Serie
Canter 60 (100 kW)	08/96		551
Canter 75 (100 kW)	10/97		551.4
Canter 75 (115 kW)	01/94	12/97	600-Serie
			651, 652, 654, 656, 681

ProMotive HD - 610 048 068 A74 2

RENAULT

60-Serie

68.12, 68.14,

Renault

Series

65-12; 65-14

68.14

68RS,

75-14

75RS

TX Series

103TX

95TX

TZ Series

TZ 80-12-103-14

SAMBRON

Others

AM252, AM425H, AM430H,

AM525

AM354R/44R

J245

SAMBRON

400

430H, 425H

500

525

R

R/44R

SAME

Others

Ariete

KRIPTON 80, 90, 100

SHIBAURA

Others

SD 3500, SD 4540

SP6000, SP 6040

Tractors

SE404-0

SE

SE 404-0

SPERRY NEW HOLLAND

Others

1049

SPERRY-NEW-HOLLAND

LS

LS 140; LS 160; LS 170; LS 180;

LS 190

LX

LX 465; LX 485; LX 565; LX 665;

SPERRY-NEW-HOLLAND

LX

LX 805; LX 885

TCM

Wheel loaders

FD35, 40, 50

THWAITES

Others

TUSKER

Tusker

Tusker

TIMBERJACK

Forestmachines

810

TIMBERJACK (KANADA)

Others

360, 209

200

209

300

360

TOWMOTOR

Others

601 PD

600

601 PD

URSUS

Tractors

1034

914, 1014

1434

1614

YALE & TOWNE

D

D30

D 60

D51

D51-100

D51-30

D51-40

D51-50

D51-70

D51-80

DP

DP51-100

DP51-30 to60

DP51-30,

DP51-40,

DP51-50,

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YALE & TOWNE

DP

DP51-60,

DP51-70,

DP51F

G/GP

G51F; GP51F

Junior

Junior Tractor

L/LP

L51F; LP51F

YALE & TOWNE

Others

2000

D30, 51, 60

D51, DP51-30 to 6

D51-30, D51-40, D51-50, D51-70,

D51-80, D51-100

D51F, DP51F

D51F, DP51F-30 to 50, G51F,

GP51F, L51F, LP51F

DP51-30, DP51-40, DP51-50,

DP51-60, DP51-70, DP51-100

FORK LIFT TRUCKS

JUNIOR TRACTOR