

MITSUBISHI SATOH TRACTORS

HISTORY

INFORMATION

PARTS

SUPPORT



MITSUBISHI
AGRICULTURAL MACHINERY

~ Long Life ~

mitsubishi - satoh tractor information, parts, and support

Release 1.00 – 01-28-2004 – Originally Compiled by Ed Krampitz Jr.

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MITSUBISHI - SATOH HISTORY

SATOH – The Satoh Agricultural Machinery was a Japanese tractor manufacturer founded in June 1914. It's first tractors were produced in 1973. In 1980, Satoh merged with part of Mitsubishi to become the Mitsubishi Agricultural Machinery company. Tractors were sold as Satoh Mitsubishi for a short time after the merger, until 1984, by then the Satoh name was dropped.

In Japan, Satoh distributed the English David Brown tractors, and in turn, Satoh tractors were also distributed by David Brown in North America. Satoh manufactured some tractors to fill in gaps in the David Brown line that looked like DB's, such as the Satoh S-650G, but were manufactured by Satoh in Japan.

The Satoh gasoline-powered S650 model dates back to the early 1960s. Along with the gasoline-powered Satoh models, Mitsubishi tractors were sold in the USA as Satoh products in the early 1970s thru the 1980s. Satoh's US model numbers began with S followed by three numerals and often defined with an animal name (ex. S370 Beaver). Models ending in the letter D indicates 4 wheel-drive, much like other Japan tractor manufactures in that era. Satoh officially merged with Mitsubishi on February 1st, 1980. Mitsubishi kept supporting the Satoh models for 25 years after the merger. Remaining Satoh stock of machines were issued new Mitsubishi decals and certain models continued into the 1980s as 'Satoh by Mitsubishi'. Many of the Satoh tractors sold in North America had 2-cylinder diesel engines made by Mitsubishi. Gray Market Tractors, which are used Japanese-spec tractors imported from Japan, have appeared globally under the Satoh and Mitsubishi names.



MITSUBISHI (MITSU) – Mitsubishi made its own tractors as far back as the 1960s. In Japan and in certain other markets, Mitsubishi's were also labeled with other names; Suzue, VST, and Kumiai. Suzue was a separate brand, while VST and Kumiai were akin to farmer's cooperatives. Many of these have arrived into North America as Gray Market tractors. After the merger with Satoh, Mitsubishi sold tractors during the 1980s in North America under its own brand name. Those models began with MT followed by three numerals (ex. MT160, MT160D, etc). Again, the ending letter D indicates 4 wheel-drive. Most US-spec Mitsubishi's used 3-cylinder diesel engines. .

With the merger of the two companies in 1980, Mitsubishi Agricultural Machinery company was formed.



Tractors built in Japan by Mitsubishi Agricultural Machinery and sold around the world by other companies under their own brands. This includes; Case, Cub Cadet, International Harvester, Kumiai, Mahindra, Renault and Suzue

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MITSUBISHI - SATOH PUBLICATIONS

Gray Market Mitsubishi's are model prefixed with D or MT followed by two or four numerals. (ex. MT14, D2000), but current Mitsu production uses three numerals. A model number decoder guide will appear later, also covering Satoh and Suzue.

Mitsubishi Diesel 1984 - 1991 M-1

Tractor Owners Service & Repair Manual

Models: MT160, MT160D, MT180, MT180D, MT180H, MT180HD, MT210, MT210D, MT250, MT250D, MT300, MT300D

Publisher: Intertec Publications (Now I&T Shop Services)

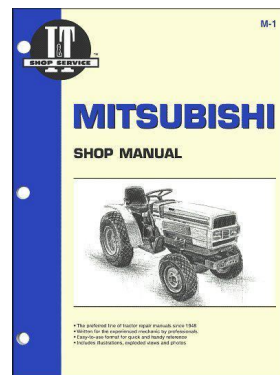
ISBN 0872884422

ISBN-13 9780872884427

Format Paperback, 80 pages - B&W illustrations

Published November 1987

Stock image only. Actual cover art may differ.



Mitsubishi tractors were also sold as International Harvester (IH) and then as Case IH compacts in the USA from 1982 – 1991. Case merged with IH in 1985. These tractors were the 2x4/2x5 series (ex 234, 235, etc.) Two Intertec volumes cover these tractors.

International Harvester 1982 – 1984 IH-55

Farm Tractor Owners Service & Repair Manual

Models: 234, 234 Hydro, 244, and 254

Publisher: Intertec Publications (Now I&T Shop Services)

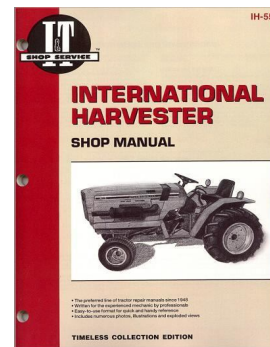
ISBN 0872884376

ISBN-13 9780872884373

Format Paperback, 56 pages - B&W illustrations

Published November 1987

Stock image only. Actual cover art may differ.



Case- International Shop Manual C-42

For Models 235, 245, 255, 265, 275

Publisher: I&T - Clymer Series / Haynes Manuals

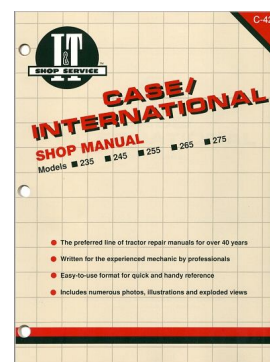
ISBN 0872885704

ISBN-13 9780872885707

Format Paperback, 136 pages - B&W illustrations

Published November 1987

Stock image only. Actual cover art may differ.



International Shop Manual IH-49

For models 274 and 284

A third Intertec manual for compact tractors that used Nissan and Mazda gasoline engines did not survive the merger with Case. It is rare, reproductions have been seen on eBay. This is a must have for tractors with these engine types.

Since 1993 Mitsubishi models have been sold in North America as the MTD Cub Cadet 7xxx series (ex 7260) Dealers may be able to Support some Gray Market machines.



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US MODELS - SATOH

The following Satoh models were officially sold in the North America. Note, the Bison model was sold as either a gasoline and diesel. Certain models continued to be sold as Mitsubishi's for a while after the merger, the S prefix was replaced by the MT prefix. (ex S373 became MT373). Applicable known models are indicated; the MT372 was available until the late 80s. Suffixes have been left off, and all engines are Mitsubishi unless otherwise indicated.

Satoh Model	Animal Name	Engine	Block Type	Total Cylinders	Fuel Type	Wheel Base 2WD	Wheel Base 4WD
S370	Beaver	KE70	669cc	2-cyl	Diesel	1225/48.23	1265/49.80
S372	Beaver II (MT372)	KE70	669cc	2-cyl	Diesel	1280/50.39	1305/51.38
S373	Beaver III (MT373)	K3A	776cc	3-cyl	Diesel	1280/50.39	1300/51.18
S470	Buck (MT470)	K3B	849cc	3-cyl	Diesel	1280/50.39	1300/51.18
S550-G	Elk	PB100 MAZDA	987cc	4-cyl	Gas	1490/58.66	No 4WD
S630	Bull (MT630)	KE130	1246cc	2-cyl	Diesel	1524/60.00	1524/60.00
S650-G	Bison	PB100 MAZDA	987cc	4-cyl	Gas	1535/60.43	No 4WD
		TA/TB MAZDA	1169cc	4-cyl	Gas	1535/60.43	No 4WD
S670	Bison (MT670)	K4D	1305cc	4-cyl	Diesel	1540/60.63	1610/63.38
S750	Stallion (MT750)	3AB1-1 ISUZU	1777cc	3-cyl	Diesel	1815/71.46	1870/73.62

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US MODELS - MITSUBISHI

The following Mitsubishi models were officially sold in the US approximately 1984 – 1991, except for the MT280D, which is covered in the factory manual for the MT300 and may have been sold in Canada. The Mt4501 had limited distribution. Except for the MT280D, suffixes have been left off.

Mitsubishi Model	Animal Name	Engine	Block Type	Total Cylinders	Fuel Type	Wheel Base 2WD	Wheel Base 4WD
MT160		K3A	776cc	3-cyl	Diesel	1420/55.91	1420/55.91
MT180		K3C	900cc	3-cyl	Diesel	1420/55.91	1420/55.91
MT210		K3D	979cc	3-cyl	Diesel	1525/60.04	1525/60.04
MT250		K3H	1290cc	3-cyl	Diesel	1525/60.04	1525/60.04
MT280D		K3H	1290cc	3cyl	Diesel	No 2WD	1595/62.80
MT300		K3M	1496cc	3cyl	Diesel	1575/62.01	1595/62.80
MT4501		4DQS	2084cc	4-cyl	Diesel	1800/70.87	1800/70.87

For Reference -

Mitsubishi USA, 236 E Front St, Burlington, NC 27215

<https://mstractors.com>

Mitsubishi Mahindra Agricultural Machinery Co.,Ltd., Japan

https://www.mam.co.jp/english/product/tractor_index.php

General History of Mitsubishi Agricultural Machinery

- June 1914 The Sato Trading Company is established and the company commences the manufacturing and selling of rotary rice threshers.
- February 1954 The name of the company is changed to Sato Machinery Co., Ltd.
- September 1959 The Sendai Plant is established in Tagajo City, Miyagi Prefecture; the company commences the manufacturing of tractors.
- May 1968 The industry's first rideable head feeding combine harvester is released.
- April 1971 Mitsubishi Machinery Sales Co., Ltd., is established through a merger with a sales company.
- February 1980 With Sato Machinery Co., Ltd., as the surviving corporation, the company undergoes a merger of equals with Mitsubishi Machinery Sales Co., Ltd., and changes its name to Mitsubishi Agricultural Machinery Co., Ltd.
- July 2003 An OEM contract is entered with Mahindra USA whereupon the supplying of tractors is commenced.
- January 2007 The sales company is restructured into the East Japan Mitsubishi Agricultural Machinery Sales Company and West Japan Mitsubishi Agricultural Machinery Sales Company.
- April 2014 The sales company is restructured into the Mitsubishi Agricultural Machinery Sales Co., Ltd.
- October 2015 The name is changed to Mitsubishi Mahindra Agricultural Machinery Co., Ltd.

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US MODELS - CASE IH

The models were rebadged Mitsubishi's in different paint. The older 274 and 284 models used other manufacture's engines are left out.

Case-IH Model	Years	Engine	Block Type	Total Cylinders	Fuel Type	Wheel Base 2WD	Wheel Base 4WD
234	82-86	K3B	849cc	3-cyl	Diesel		
235	86-90	K3B	849cc	3-cyl	Diesel		
244	82-86	K3D	979cc	3-cyl	Diesel		
245	86-90	K3D	979cc	3-cyl	Diesel		
254	82-86	K3E	1061cc	3-cyl	Diesel		
255	86-90	K3E	1061cc	3-cyl	Diesel		
265	87-91	K3H	1290cc	3-cyl	Diesel		
275	86-91	K3M	1496cc	3-cyl	Diesel		

US MODELS – MTD CUB CADET

The models were rebadged Mitsubishi's in different paint. Years are approximate. The slashes indicate related models with differing final numerals. Example 7200/5 means that both the 7200 and 7205 exist. Wheelbases are the same for 2WD and 4WD. Newer models using Daihatsu diesel and Kawasaki gas engines (7254/4, 7264, 7304) are not included.

Cub Cadet Model	Years	Engine	Block Type	Total Cylinders	Fuel Type	Wheel Base 2WD+4WD
7000, 7200/5	98-	S3L	1125cc	3-cyl	Diesel	1470/57.87
7192/3/4/5	95-97	K3E	1061cc	3-cyl	Diesel	1470/57.87
7232/3/4/5	95-97	K3G	1236cc	3-cyl	Diesel	1650/64.96
7260/5	98-	S3L2	1318cc	3-cyl	Diesel	1650/64.96
7272/3/4/5	95-97	K3M	1496cc	3-cyl	Diesel	1700/66.93
7300/5	98-	K3M	1496cc	3-cyl	Diesel	1700/66.93
7360/5	98-	S4L2	1758cc	4-cyl	Diesel	1835/72.24

US MODELS – BOLENS

The models were rebadged Mitsubishi's in different paint in the late 70s to early 80s using the KE70, KE75, K3A, and K3B diesel engines. Otherwise they were Iseki tractors.

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MITSUBISHI - SATOH GRAY MARKET MODELS

I.D. – To identify the closest US-spec match for a Gray Market Mitsubishi or Satoh model, start at the engine block. The engine designation and displacement are cast into many of the diesel blocks. To use the KE engine as an example, it is on the exposed top of the block between the two cylinders. Most with D and ST prefixes are likely dated from the 1970s. Some information may appear on a data plate on the frame.

As a rough guide to some tractors, the Mitsubishi D-Series tractors with a model number under 1500 are often related to the Satoh Beaver. Model numbers between D1500 and D2350 are often related to the Bull. But, there are exceptions. Certain Gray Market models may not even be closely related to any US-spec model.

Next, wheelbase dimensions may help a vendor to cross reference a Gray Market model to a wheelbase only US-spec model.

The frame number may also help and is typically stamped in large characters on the side of the of the frame under the driver's seat.

Sometimes, the year of manufacture is stamped on the wheel rims, but dealers do change wheels.

Decoding the Model Numbers – Here is a rough guide, using as examples; MT1601D, MT200D, D2000 II, and Satoh ST2620. This covers most Gray Market and US-spec models.

https://en.wikipedia.org/wiki/Mitsubishi_Motors_engines

MT 16 01 D	MT 20 0 D	D 20 00 II	ST 26 20
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3

1 – Prefix (not a complete list)

D	Mitsu domestic, 1970s to early 1980 era
G _	Followed by another letter, current Mitsu domestic production
M	Suzue
MMT	Current Mitsu domestic
MT	Mitsubishi Tractor, domestic and US-spec
MTE	Like MT with upgraded options
MTX	Like MT with upgraded options
MTR	Current Mitsu domestic
R	Oldest Mitsu tractors, 1960s to early 1970 era
S	US-spec Satoh
ST	Satoh Tractor, non-US-spec

2 – First (or only) 2 numerals

Indicates approximate PTO horsepower per JIS rating on Gray Market tractors.

NOTE; This does not apply to US-spec Satoh models nor the Mitsubishi label versions (S372 or MT372, etc) , but does apply to the 1980s US-spec Mitsus (MT160, MT180, etc)
Example, MT4501 has 45Hp.

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Decoding the Model Numbers – Continued

MT 16 01 D	MT 20 0 D	D 20 00 II	ST 26 20
1 2 3 4	1 2 3 4	1 2 3 4	1 2 3

3 – Next 1 or 2 numerals (if any)

No extra numerals, late 1980s – 1990s non-US Mitsu, ex MT17, MT25

0 1980s US-spec Mitsu, plus recent export and domestic models

1-8 Various recent domestic models

00 non-US Mitsu (mostly D and R prefixes), Satoh, and Suzue, 1960s –1980s

01 non-US Mitsu (mostly MT prefix), 1970s–1990s, Mtxx01 is comparable to Dxx01

10 non-US Mitsu and Satoh, variants of -00 and -01 versions

20 non-US Satoh (ST prefix) with 2WD, 1970s–early 1980s, ST2320 is 2WD of ST2340

40 non-US Satoh (ST prefix) with 4WD, 1970s–early 1980s, ST2340 is 2WD of ST2320

50 non-US Mitsu and Satoh, 1970s–early 1980s, indicates better engine than -00 with same power. Ex. D1500 2-cyl KE85 vs D1550 3-cyl K3B

4 – Suffixes (not a complete list)

D domestic and US-spec Mitsu 4WD

FD non-US Mitsu 4WD

G US-spec Satoh with gasoline engine

H Hydrostatic transmission

II Roman numeral, US-spec Beaver and non-US Mitsu (D prefix): superseded without it. D2000 is not the same as D2000 II. Known Gray Market models with II variants: D1500, D1600, D1800, D2000, D2500, D2600.

III Roman numeral US-spec Beaver, intended to supersede II version

X Transitional model with changes from version without X.

Manuals – After identifying the tractor and its closest US-spec match, consider getting the Operator's/Owner's, service/shop, and parts manuals for the US-spec version and the parts manual for the Gray Market version. Parts manuals for the Gray Market Mitsubishi and Satoh tractors are printed in Japanese and English, but other manuals for 'grays' are generally not available in English. Should a manual only in Japanese is obtained in electronic PDF, one can use the Yandex OCR Image Translator to English. <https://translate.yandex.com/ocr>

Engines – Here is a list of engines used in Mitsubishi and Satoh tractors or closely related. B x S is piston bore x stroke. Related engines are grouped together. Horsepower ratings are rough and includes any direct injection and turbocharged variants when a range is given. Engines are diesel and made by Mitsubishi Heavy Industries unless otherwise indicated. Typically, an engine used in a Mitsu tractor will have a suffix to designate a specific variant, such as KE130-13B or K3M-D14R. Likewise, the Kubota engines listed use suffix letters depending on the application. These suffixes are not accounted for here, and the purpose of this list is simply for engine and model identification. If no tractor application is given for a specific engine, that doesn't mean that no tractors use it, but no tractor applications were known during this compilation. This list is not totally complete.

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ENGINES – MITSUBISHI - SATOH

The following series is older and are likely to be out of production:

D, DQ, DR, Many Kx

NOTE: Japanese tractor Hp specifications are always the PTO power rating, not The slightly higher engine Hp rating at the flywheel. US-spec tractors usually give both ratings.

Series	Degsignation	Cyl / Hp	Engine cc	BxS, mm	Sample models
D	6D34	6 / 140-160	5831cc	104 X 115	GCR140, GCR160
DQ	2DQ10	2 / 11-20	993cc	82 X 94	R1000 R2000
DQ	4DQ1, 11	4 / 40-68	1986cc	82 x 94	Unknown models
DQ	4DQ3, 30	4 / 38-45	1490cc	77 x 80l	D3000, D3200, D3250, D3850, MT4301, ST3000, ST3200, ST3220, ST3240, ST3820, ST3840, ST3850
DQ	4DQ5, 50	4 / 40-45	2084cc	84 X 94	D4000, ST4000, ST4020, ST4040, MT4501, MT43
DQ	4DQ7	4 / 40	2286cc	88 X 94	Unknown models
DR	2DR5	2 / 20	1329cc	92 X 100	D2000 not II
DR	2DR7	2 / 25	1417cc	95 X 100	D2500 not II
DR	2DR10	2 / 13-22	1192cc	88 X 98	R2500
DR	4DR1, 10	4 / 50-75	2384cc	88 X 98	
DR	4DR5, 6, 51, 52	4 / 75-100	2659cc	92 X 100	
DR	4DR7	4 / 85	2835cc	95 X 100	
Kx	K2AS	2 / 9	451cc	65 X 68	
Kx	K2A	2 / 10	517cc	65 X 78	D1105, D1503T
Kx	K2B	2 / 12	566cc	68 X 78	GENSETS
Kx	K2C	2 / 13	600cc	70 X 78	
Kx	K3A	3 / 15-17	776cc	65 X 78	Beaver III S373D, D1350, D1450, ST1320, ST1340, TU120, TU125, TU127, TU1400, TU1401
Kx	K3B	3 / 16-18	849cc	68 X 78	Buck S470, D1550, ST1520, ST1540, Case, MT1350FD, TU140, TU145, TU147, TU1500, TX1510
Kx	K3C	3 / 16-20	900cc	70 X 78	MT180, D1601, MT1601D, MT180HMD, TU150, TU155, TU157, TU1600, TU1601

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Many Kx

NOTE: Japanese tractor Hp specifications are always the PTO power rating, not

The slightly higher engine Hp rating at the flywheel. US-spec tractors usually give both ratings.

Series	Degsignation	Cyl / Hp	Engine cc	BxS, mm	Sample models
Kx	K3D	3 / 18-21	979cc	73 X 78	M17, MT210, M1803, M2001, Case, MTD1800, MTE1800 MT2000 MT210D, TU160, TU165, TU167, TU170, TU175, TU177
Kx	K3E	3 / 19-21	1061cc	76 X 78	Case, Cub Cadet, MT18, MT185
Kx	K3F	3 / 21-26	1118cc	78 X 78	MT20, MTE2000
Kx	K3G	3 / 23	1236cc	82 X 78	Cub Cadet, MT205, MTX
Kx	K3H	3 / 25	1290cc	78 X 90	Case, MT250D, MT20FD, MT280, MC2800, MC2850, MC3500
Kx	K3M	3 / 27-30	1496cc	84 X 90	Case, Cub Cadet, MT300, MT301D, MC4000, MTM250, MTM270, MTM300, MTR250, MTR270, MTR300
Kx	K4A	4 / 16	1035cc	65 X 78	D1650, D1850, ST1620, ST1640, ST1802, ST1840
Kx	K4B	4 / 21	1133cc	68 X 78	MT1801
Kx	K4C	4 / 24	1200cc	70 X 78	D2050, D2350, ST2020. ST2040, ST2320 ST2340,
Kx	K4D	4 / 30-38	1305cc	73 X 78	Bison S670 MT2001 MT2001X D2001 D2050FD MT2201
Kx	K4E	4 / 32	1415cc	76 X 78	MT21, MT22, MT23, MT24, MTX, MT2501
Kx	K4F	4 / 35	1490cc	78 X 78	MT25, MT26, MT27, MT28, MT30, MT33, MTX
Kx	K4G				MT205
Kx	K4H				MT250
Kx	K4M	4 / 44	1995cc	84 X 90	CAT ME40, MC5000, MT300
Kx	K4N	4 / 42-46	2290cc	90 X 90	MT408, MT468, GX40, GX46

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The following series is older and are likely to be out of production:

KE

NOTE: The Mitsubishi KE Series is a range of iron block, inline cylinder engines with overhead valves, for both gasoline and diesel use. The KE engines were used in company produced vehicles, industrial machines and tractors.

Series	Degsignation	Cyl / Hp	Engine cc	BxS, mm	Sample models
KE	KE55	2 / 10	544cc	68 X 75	D1100, ST1100
KE	KE70	2 / 15	669cc	73 X 80	Beaver S370 MT372, D1300 MT1301D, ST1300, TX1300
KE	KE75	2 /			D1500, ST1510
KE	KE80	2 / 17	812cc	78 X 85	Bolens, D1500FD
KE	KE85	2 / 17-18	854cc	80 X 85	D1500 II, D1600
KE	KE95	2 / 20-21	964cc	85 X 85	D1800 II, ST1800
KE	KE130	2 / 18-25	1246cc	90 X 98	Bull S630, MT130, D2000 II, D2000F, D2300, D2350, DT2001
KE	KE135	2 / 25	1302cc	92 X 98	D2500 II, MC3000, MC3100, ST2501
KE	KE140	4 / 30	1305cc	73 X 78	D2600 D2650 MT2600, ST2600, ST2620, ST2640
KE	KE150	4 / 35	1490cc	78 X 78	Unknown models

Series	Degsignation	Cyl / Hp	Engine cc	BxS, mm	Sample models
Lx	L2E	2 / 15	635cc	76 X 70	VM13, VM3
Lx	L3A	3 / 15	696cc	65 X 70	MTX, MC12, MC120, MC13, MC14, MC140, S313
Lx	L3C	3 / 16	808cc	70 X 70	MC15, MC16, MT14, MT15, MT135, MT136, MT146, MTX13D, MMT14, MMT15, GF14, GF15, S315, VM4, VM15, VMS15, VMS16
Lx	L3E	3 / 17	952cc	76 X 70	MX15, MC17, MC18, MT16, MT17D, MT155, MTX15D, MMT16, MMT17, GF16, GF17, GF130, GF150, GF170, VM5, VM6, VM17, VM19, VM213, VM215, VM217

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The following series is older and are likely to be out of production:

Series	Degsignation	Cyl / Hp	Engine cc	BxS, mm	Sample models
SxE	S4E	4 /	cc	78 X	MT5501
SxE	S4E2	4 /	cc	78 X	MT46D, MT4801
SxE	S4E7	4 /	cc	78 X	MT48X, MT52D,
SxE	S6E	6 /	cc		CAT, MT6501
SxK	S4K	4 /	cc	78 X	MT291
SxL	S3L	3 / 20	1125cc	78 X 78.5	Cub Cadet, MT160, MT161, MT165, MT170, MT181, MT190, MTZ18, MTZ20, MTZ200
SxL	S3L2	3 / 23	1318cc	78 X 92	Cub Cadet, MC270, MC320, MC330, MT200, MT201, MT220, MT221, MT240, MT241, MTZ21, MTZ23, MT260D
SxL	S4L	4 / 16-37	1500cc	78 X 78.5	CAT, MT231, MT291 MT26, MT251, MT255, MT266, MT271, MT285, MT286, MT305, MT306, MT311, MT331, MT336, MT337, MT365
SxL	S4L2	4 / 36	1758cc	78 X 92	CAT, Cub Cadet, GX34, GX37, MT335, MT338, MT341, MT367, MT368
SxL	S4L9	4 /	cc	78 X	MT225, MT226, MT245, MT246
SxQ	S4Q	4 / 45	2311cc	88 X 95	MC405G, MC510
SxQ2	S4Q2	4 / 50	2505cc	88 X 103	MT508, GX46, MT508
SxS	S4S D,DT	4 / 55-75	3331cc	94 X 120	MKM Series
SxS	S6S D, DT	6/75-120	4996cc	94 X 120	MKM Series
SDT	SDT75	1 / 8-15	760cc	96 X 105	R1500 Single
SDT	SDT100	2 / 10-19	993cc	82 X 94	
SDT	SDT130	2 / 14-23	1246cc	90 X 98	KE130 RELATED?

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ENGINES – MITSUBISHI - SATOH

Other manufacture's engines used in Mitsubishi-Satoh tractors

Manufacture	Degsignation	Cyl / Hp	Engine cc	BxS, mm	Sample models
ISUZU	3AB1	3 / 38	1777cc	86 X 102	Stallion
ISUZU	4BD1	4 / 63-78	3856cccc	102 X 118	MT6301
KUBOTA	F5802	5 / 115-125	5822cc	109 X 125	GR Series
KUBOTA	V3300	4 / 49-89	3318cc	98 X 110	GV Series
KUBOTA	V4702	4 / 90-100	4665cc	109 X 125	GR Series
MAZDA	PB100	4 / 17-27	987cc	68 X 68	S550G S650G
MAZDA	TA/TB	4 / 27	1169cc	70 X 76	S650G
YANMAR	4TNE84	4	cc	X	MT400
YANMAR	4TNE88	4	cc	X	MT460
YANMAR	4TNV94	4	cc	X	MT501
YANMAR	3TNE100	3	cc	X	MT520
YANMAR	4TNV98	4	cc	X	MT551, MT601
YANMAR	4TNE100	4	cc	X	MT620, MT720
YANMAR	4TNV102	4	cc	X	MT651
YANMAR	4TNV106	4	cc	X	MT7251, MT801
YANMAR	4TNV106T	4 TURBO	cc	X	MT901

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PARTS SUPPLIERS – MITSUBISHI - SATOH

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13 Locations for tractors and parts, 10 salvage yards, and 2 repair centers all in the Mid-West

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