



Main equipment

- Spray hose + hand spray nozzle
- Power steering
- Electric cutoff plate
- Quiet curved fan



Main equipment

- Gasoline specifications
- Hybrid suspension
- Power steering
- 4WS 2WS switching
- Electric cutoff plate
- Quiet curved fan



Main equipment

- Clean diesel turbo specifications
- Hybrid suspension
- HST driving
- Power steering
- 4WS 2WS switching
- Quiet curved fan
- Automatic water supply stop function

3S-FS523PR

Main field form	Shelf circle- for standing trees
Engine rated output	16.1 (21.9)/ 2500
Chemical tank capacity	500(L)
Maximum discharge amount	63(L/min)
Air volume during use	525(m³/min)

3S-FS643HR

Main field form	Shelf circle- for standing trees
Engine rated output	25.3(34.4)/ 2800(max31.7(43.1)
Chemical tank capacity	600(L)
Maximum discharge amount	95(L/min)
Air volume during use	727 ⇄ 517(m³/min)

3S-FSH640HR

Main field form	Shelf circle- for standing trees
Engine rated output	27.1 (36.8)/ 2500
Chemical tank capacity	600(L)
Maximum discharge amount	94(L/min)
Air volume during use	700 ⇄ 430(m³ /min)

4WS

Product name		3S-FS523PR	3S-FS643HR	3S-FSH640HR
Product size	Length (mm)	3020	3295	3325
	Width (mm)	1360	1405	1405
	Height (mm)	1175	1200	1200
	weight (kg)	850	1155	1170
	Chemical tank capacity (L)	500	600	600

Engine	Model name	D1105	WG1605	V1505-CR-TE5B
	Type	Water cooling 4cycle 3cylinder diesel	Water cooling 4cycle 4cylinder gasoline	Water cooling 4cycle 4cylinder diesel turbo
	Total displacement (L)	1.123	1.537	1.498
	Rated output/ Rotational speed (kW(PS)/rpm)	16.1 (21.9)/ 2500	25.3(34.4)/ 2800 (max 31.7(43.1)	27.1 (36.8)/ 2500
	Fuel used/Fuel tank capacity (L)	Diesel light oil /20	Regular gasoline /31	Diesel light oil /28

Running part	Format	4 wheel drive 4 wheel steering	4 wheel drive 4 wheel steering	4 wheel drive 4 wheel steering
	Tire front wheel Rear wheel	20×10.00-10-4PR 20×10.00-10-4PR	23×9.00-12-4PR 23×9.00-12-6PR	23×9.00-12-4PR 23×9.00-12-6PR
	Number of gears (Step)	Advance 6 Backward 2	Advance 9 Backward 3	HST Stepless Sub transmission
	Running speed Advance / Backward (km/h))	1.5 ~ 14.2 2.0 ~ 9.0	1.5 ~ 19.0 1.5 ~ 8.4	0 ~ 18.0 0 ~ 10.0
	Aircraft outermost turning radius (m)	2.2	2.4	2.3

Spray pump	Format	Reciprocating pump (Plunger)	Reciprocating pump (Plunger)	Reciprocating pump (Plunger)
	Regular rotation speed (min ⁻¹)	1000	980	955
	Discharge rate (L/min)	63	95	94

Water supply pump	Format	1 in rotary pump (Volumetric type)	1.5 in rotary pump (Volumetric type)	1.5 in rotary pump (Volumetric type)
	Discharge rate (L/min)	112	226	222

Blower	Regular rotation speed (min ⁻¹)	1875	2166/1540	2000/1227
	Air volume during use (m³ /min)	525	727/517	700/430

Nozzle & Winder	Type	Disk(Switch) Nozzle	Disk(Switch) Nozzle	Disk(Switch) Nozzle
	Quantity / Divided	16(16)/4	18(18)/4	18(18)/4
	Winder	standard equipment Retractable (30m) spray hose hand spray nozzle	Standard equipmen (30m)	Standard equipmen (30m)

※ Rotational speed min-1=rpm



Main equipment

- Clean diesel specifications

● Hybrid suspension

● High speed specifications

● Power steering

● 4WD 2WD switching
- 4WS 2WS switching

● Electric cutoff plate

● Quiet curved fan



Main equipment

- Clean diesel turbo specifications

● Hybrid suspension

● Power steering

● 4WD 2WD switching

● 4WS 2WS switching
- Quiet curved fan

3S-FSE1053HR

Main field form	standing trees
Engine rated output	33.6(45.7)/ 2400
Chemical tank capacity	1000(L)
Maximum discharge amount	112(L/min)
Air volume during use	795 ⇄ 527(m³/min)

3S-FST1063HR

Main field form	standing trees
Engine rated output	42.6(57.9)/ 2400
Chemical tank capacity	1000(L)
Maximum discharge amount	154(L/min)
Air volume during use	880 ⇄ 593(m³/min)

4WS

	Product name	3S-FSE1053HR	3S-FST1063HR
Product size	Length (mm)	3825	3855
	Width (mm)	1445	1445
	Height (mm)	1250	1285
	weight (kg)	1430	1490
	Chemical tank capacity (L)	1000	1000

Engine	Model name	V2403-CR-E4B	V2403-CR-TE4B
	Type	Water cooling 4cycle 4cylinder diesel	Water cooling 4cycle 4cylinder diesel turbo
	Total displacement (L)	2.434	2.434
	Rated output/ Rotational speed (kW(PS)/rpm)	33.6(45.7)/ 2400	42.6(57.9)/ 2400
	Fuel used/Fuel tank capacity (L)	Diesel light oil /38	Diesel light oil /43

Running part	Format		4 wheel drive 4 wheel steering	4 wheel drive 4 wheel steering
	Tire	front wheel Rear wheel	23×9.00-12-6PR 26×10.00-12-8PR	23×9.00-12-6PR 26×10.00-12-8PR
	Number of gears	(Step)	Advance 9 Backward 3	Advance 9 Backward 3
	Running speed Advance / Backward	(km/h))	1.5 ~ 23.5 1.4 ~ 10.0	1.5 ~ 19 1.5 ~ 9.0
	Aircraft outermost turning radius (m)		2.9	2.9

Spray pump	Format		Reciprocating pump (Plunger)	Reciprocating pump (Plunger)
	Regular rotation speed	(min ⁻¹)	944	913
	Discharge rate	(L/min)	112	154

Water supply pump	Format		2 in rotary pump (Volumetric type)	2 in rotary pump (Volumetric type)
	Discharge rate	(L/min)	360	325

Blower	Regular rotation speed	(min ⁻¹)	2285/1516	1875/1263
	Air volume during use	(m³ /min)	795/527	880/593

Nozzle & Winder	Type		Disk(Switch) Nozzle	Disk(Switch) Nozzle
	Quantity / Divided		20(20)/4	36(18)/4
	Winder		Standard equipmen (30m)	Standard equipmen (30m)

※ Rotational speed min-1=rpm