



Main equipment

- Quiet curved fan



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- Spray hose + hand spray nozzle
- Front suspension
- Power steering
- Quiet curved fan



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3S-C523R

Main field form	Suitable for shelves and dwarf gardens
Engine rated output	16.1(21.9)/2500
Chemical tank capacity	500(L)
Maximum discharge amount	63(L/min)
Air volume during use	525(m ³ /min)

3S-C525PR

Main field form	Suitable for shelves and dwarf gardens
Engine rated output	18.2(24.7)/2500
Chemical tank capacity	500(L)
Maximum discharge amount	93(L/min)
Air volume during use	560(m ³ /min)

3S-C625PR

Main field form	Suitable for shelves and dwarf gardens
Engine rated output	18.2(24.7)/2500
Chemical tank capacity	600(L)
Maximum discharge amount	93(L/min)
Air volume during use	560(m ³ /min)

4WD

Product name		3S-C523R	3S-C525PR	3S-C625PR
Product size	Length (mm)	3020	3020	3155
	Width (mm)	1225	1225	1225
	Height (mm)	1175	1175	1175
	weight (kg)	780	860	870
	Chemical tank capacity (L)	500	500	600

Engine	Model name	D1105	D1305	D1305
	Type	Water cooling 4cycle 3cylinder diesel	Water cooling 4cycle 3cylinder diesel	Water cooling 4cycle 3cylinder diesel
	Total displacement (L)	1.123	1.261	1.261
	Rated output/ Rotational speed (kW(PS)/rpm)	16.1(21.9)/2500	18.2(24.7)/2500	18.2(24.7)/2500
	Fuel used/Fuel tank capacity (L)	Diesel light oil /20	Diesel light oil /20	Diesel light oil /20

Running part	Format	4 wheel drive (Always)	4 wheel drive (Always)	4 wheel drive (Always)
	Tire front wheel Rear wheel	20×10.00-10-4PR 20×10.00-10-4PR	20×10.00-10-4PR 20×10.00-10-4PR	20×10.00-10-4PR 20×10.00-10-6PR
	Number of gears (Step)	Advance 6 Backward 2	Advance 6 Backward 2	Advance 6 Backward 2
	Running speed Advance / Backward (km/h))	1.5 ~ 14.2 2.0 ~ 9.0	1.6 ~ 15.6 2.1 ~ 9.7	1.6 ~ 15.6 2.1 ~ 9.7
	Aircraft outermost turning radius (m)	2.4	2.4	2.4

Spray pump	Format	Reciprocating pump (Plunger)	Reciprocating pum (5 pistons)	Reciprocating pum (5 pistons)
	Regular rotation speed (min ⁻¹)	1000	1165	1165
	Discharge rate (L/min)	63	93	93

Water supply pump	Format	Option (jet P)	jet P/1 in rotation P (Volumetric type)	jet P/1 in rotation P (Volumetric type)
	Discharge rate (L/min)	125	112	112

Blower	Regular rotation speed (min ⁻¹)	1875	1875	1875
	Air volume during use (m ³ /min)	525	560	560

Nozzle & Winder	Type	Disk(Switch) Nozzle	Disk(Switch) Nozzle	Disk(Switch) Nozzle
	Quantity / Divided	16(16)/4	16(16)/4	16(16)/4
	Winder	Option Rear Daxtype (20m/30m)	standard equipment Retractable (30m) spray hose hand spray nozzle	standard equipment Retractable (30m) spray hose hand spray nozzle

※ Rotational speed min-1=rpm



Main equipment

- Gasoline specifications

● Hybrid suspension

● Power steering

● Electric cutoff plate

● Quiet curved fan

3S-CE643HR

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)



Main equipment

- Clean diesel turbo specifications

● Hybrid suspension

● HST driving

● Power steering

● Quiet curved fan
- Automatic water supply stop function

3S-CH640HR

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)



Main equipment

- Clean diesel specifications

● Hybrid suspension

● High speed specifications

● Power steering

● 4WD 2WD switching
- Electric cutoff plate

● Quiet curved fan

3S-CE1053HR

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)

4WD

Product name		3S-CE643HR	3S-CH640HR	3S-CE1053HR
Product size	Length (mm)	3295	3325	3825
	Width (mm)	1405	1405	1420
	Height (mm)	1200	1200	1250
	weight (kg)	1125	1200	1390
	Chemical tank capacity (L)	600	600	1000

Engine	Model name	WG1605	V1505-CR-TE5B	V2403-CR-E4B
	Type	Water cooling 4cycle 4cylinder gasoline	Water cooling 4cycle 3cylinder diesel turbo	Water cooling 4cycle 4cylinder diesel
	Total displacement (L)	1.537	1.498	2.434
	Rated output/ Rotational speed (kW(PS)/rpm)	25.3(34.4)/ 2800 (max 31.7(43.1))	27.1 (36.8)/ 2500	33.6(45.7)/ 2400
	Fuel used/Fuel tank capacity (L)	Regular gasoline /31	Diesel light oil /28	Diesel light oil /38

Running part	Format	4 wheel drive (Always)	4 wheel drive (Always)	4 wheel drive (switching)
	Tire front wheel Rear wheel	23×9.00-12-4PR 5-14-6PR(double)	23×9.00-12-4PR 5-14-6PR(double)	23×9.00-12-6PR 6-14-6PR(double)
	Number of gears (Step)	Advance 9 Backward 3	HST Stepless Sub transmission 2-Steps	Advance 9 Backward 3
	Running speed Advance / Backward (km/h))	1.5 ~ 24.0 1.4 ~ 10.0	0 ~ 17.0 0 ~ 10.0	1.5 ~ 23.5 1.3 ~ 10.3
	Aircraft outermost turning radius (m)	2.6	2.6	2.9

Spray pump	Format	Reciprocating pump (Plunger)	Reciprocating pump (Plunger)	Reciprocating pump (Plunger)
	Regular rotation speed (min ⁻¹)	980	955	944
	Discharge rate (L/min)	95	94	112

Water supply pump	Format	1.5 in rotary pump (Volumetric type)	1.5 in rotary pump (Volumetric type)	2 in rotary pump (Volumetric type)
	Discharge rate (L/min)	226	222	360

Blower	Regular rotation speed (min ⁻¹)	2166/1540	2000/1227	2285/1516
	Air volume during use (m³/min)	727/517	700/430	795/527

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

※ Rotational speed min-1=rpm