

# THRUSH



## Gate Boxes

PARTS	400/500	600				Page #
21579	✓	✓				E4
21587	✓	✓				E4
24579	✓	✓				E4
24587	✓	✓				E4

## Fire Gate

PARTS	400/500	600				Page #
50064	✓	✓				E4

## Seeder Plate

PARTS	400/500	600				Page #
21125	✓	✓				E4

## Sump Scavenger

PARTS	400/500	600				Page #
53442	✓	✓				E4

## Adapter Boxes

PARTS	400/500	600				Page #
20267	✓	✓				E5
22282	✓	✓				E5
21958	✓	✓				E5

GATE BOXES

# THRUSH

## Quick Disconnect Flanges

GATE BOXES

PARTS	400/500	600				Page #
59324	✓	✓				E5
59328	✓	✓				E5

## Dump Plate

PARTS	400/500	600				Page #
21959	✓	✓				E5

## Spreaders

SPREADERS

PARTS	400/500	600				Page #
20250	✓	✓				E5
23501	✓	✓				E5
23533	✓	✓				E5
22007	✓	✓				E5

## Swathmaster

PARTS	400/500	600				Page #
54499	✓	✓				E6

## Quick Attachment Plate

PARTS	400/500	600				Page #
23504	✓	✓				E6

## 2" Inch Spray Control Valves

VALVES

PARTS	400/500	600				Page #
58882	✓	✓				E6
20882	✓	✓				E6

## 2" Loader Valve

PARTS	400/500	600				Page #
22395	✓	✓				E6

## 3" Loader Valves

PARTS	400/500	600				Page #
52313	✓	✓				E6
22313	✓	✓				E6

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## 2.5" Shut-Off Valves

PARTS	400/500	600				Page #
20879	✓	✓				E7
50879	✓	✓				E7

VALVES

## Pumps

PARTS	400/500	600				Page #
51869	✓	✓				E7
21869	✓	✓				E7
53716	✓	✓				E7
23716	✓	✓				E7
51861	✓	✓				E7
21861	✓	✓				E7

PUMPS

## Pump Mounts

PARTS	400/500	600				Page #
20499	✓	✓				E8
40290	✓	✓				E8
20564	✓	✓				E8

## Strainer

PARTS	400/500	600				Page #
59118	✓	✓				E8

## 2" Booms

PARTS	400/500	600				Page #
56549	✓	✓				E8
56534	✓	✓				E8
56520	✓	✓				E8
55403	✓	✓				E8

BOOMS

## 2" Center Booms

PARTS	400/500	600				Page #
59058	✓	✓				E9
56522	✓	✓				E9

## 2.5" Boom

PARTS	400/500	600				Page #
56595		✓				E9

# THRUSH

## 2.5" Center Booms

BOOMS

PARTS	400/500	600				Page #
59083		✓				E9
56532	✓	✓				E9
56557	✓	✓				E9

# THRUSH

## PART INFO

### GATE BOXES

#### FIRE GATE

50064 - Fire Gate Box kit  
 Hopper Throat 16" x 41"  
 Includes: 25151 Gate Box, 25157 or 25158 Electronic Control System, 25169 hydraulic system & operating controls.

#### GATE BOXES

50064 - Fire Gate Box kit  
 Hopper Throat 16" x 41"  
 Includes: 25151 Gate Box, 25157 or 25158 Electronic Control System, 25169 hydraulic system & operating controls

21579 - Gate Box  
 Basic Gate Box assembly w/ 2.5" hole for the forward Valve

21587 - Gate Box  
 Comes w/ 20882 control valve & 20879 shut-off Valve

24579 - Gate Box  
 Basic Gate Box assembly w/ 3" hole for the forward Valve

24587 - Gate Box  
 Comes with 20882 control Valve & 53625 3" stainless steel butterfly Valve

#### SEEDER PLATE

21127 - 41" Seeder Plate



#### SUMP SCAVENGER

53442 - 41" Gate Box w/ 3" inlet, stainless steel



## GATE BOXES

### ADAPTER BOXES

20267 - 16" x 41" to 9.5" x 25" w/ 6.25" drop  
.050 thick stainless steel

22282 - 16" x 41" w/ 6" drop  
.080 thick stainless steel

21958 - 16" x 41" w/ 5" drop  
.080 thick stainless steel

### QUICK DISCONNECT FLANGE

59324 - 16" x 41" w/ 60023 Hopper Throat gasket

59328 - 41" for use w/ 24324 Quick Disconnect Flange  
Includes mating flange, gaskets & hardware for attaching to Thrush Gate Box

### DUMP PLATE

21959 - 41" Dump door & frame assembly

## SPREADERS

### SPREADERS

20250 - For 41" Gate Boxes  
High volume spreader w/ adjustable straight vanes

23501 - 41" 10 vane spreader (standard)

23533 - 41" 10 vane spreader (deep throat)

22007 - 41" 8 vane spreader (deep throat)

## SPREADERS

### SWATHMASTER

54499 - 41" for 16" x 41" Gate Box includes 20183 Center Section, 22616 & 22617 wing panels & assembly hardware

### QUICK ATTACHMENT PLATE

23504 - 41" Quick Disconnect Plate



## VALVES

### 2" SPRAY CONTROL VALVES

58882 - Stainless steel, 2" Q.D. inlet port, 2" hose outlet return port  
Stainless Ball: 52465  
Service Kit: 53390

20882 - Aluminum  
Brass Ball: 42465  
Service Kit: 54001



### 3" SPRAY CONTROL VALVE

53382 - Stainless steel, 3" Q.D. inlet port, 3" hose outlet, 1.5" return port  
Stainless Ball: 52326  
Service Kit: 54474

### 2" LOADER VALVE

22395 - Aluminum  
Ball: 52395  
Service Kit: 54097



**VALVES**

**3" LOADER VALVES**

52313 - Stainless Steel 3" LH Bottom Loader Valve  
 3" NPT threaded inlet port & 3" hose outlet port  
 Ball: 52326  
 Service Kit: 54534



22310 - Aluminum 3" RH Bottom Loader Valve  
 3" NPT threaded inlet port & 3" hose outlet port  
 Ball: 52326  
 Service Kit: 54533



22313 - Aluminum 3" LH Bottom Loader Valve  
 3" NPT threaded inlet port & 3" hose outlet port  
 Ball: 52326  
 Service Kit: 54533

**2.5" SHUT-OFF VALVES**

20879 - Aluminum, 2.5" Q.D. outlet, 2" hose connector inlet  
 Ball: 52338  
 Service Kit: 54010



50879 - Stainless steel, 2.5" Q.D. outlet, 2" hose connector inlet  
 Ball: 52338  
 Service Kit: 54502

**PUMPS**

**6.5" CLOSED IMPELLERS**

51869 - Stainless steel wind driven Pump, 2.5" hose, 60° angled inlet & 2" hose outlet connector ports (no fan or attaching hardware)  
 Service Kit: 54346 (w/ brakes)

21869 - Aluminum wind driven Pump, 2" hose outlet, 60° hose inlet (no fan)  
 Service Kit: 54346 (w/ brakes)

53716 - Stainless Steel wind driven Pump, w/ electric brake, 4 blade fan (#60011) 2.5" hose, 60° angled inlet & 2" hose outlet connector ports (no attaching hardware)  
 Service Kit: 54346 (w/ brakes)

23716 - Aluminum wind driven Pump, 2" hose outlet, 60° hose inlet, 4 blade fan (#60011)  
 Service Kit: 54346 (w/ brakes)



**PUMPS**

**6.5" CLOSED IMPELLERS**

51861 - Stainless steel wind driven Pump, 2.5" hose, 60° angled inlet & 2" hose outlet connector ports. 4 blade fan (#60011)  
Service Kit: 54346 (w/ brakes)

21861 - Aluminum wind driven Pump, 2.5" hose, 60° angled inlet & 2" hose outlet connector ports. 4 blade fan (#60011)  
Service Kit: 54346 (w/ brakes)

**PUMP MOUNTS**

20499 - Pump Mount Assembly  
Lower component: 20480  
Upper component: 20496  
Bracket component: 40290

40290 - Pump Mount cable bracket

20564 - Pump Mount bracket



**BOOMS**

**STRAINER**

59118 - Replaces 20353. 2" hose inlet & outlet connections.  
Includes 40 - mesh screen



**2" BOOMS**

56520 - 223" long, (x32) .125" female fittings, 1.5" female Q.D. inboard, 1" female washout w/ hex plug.

56534 - 223" long, (x32) .125" female fittings, 1.5" female Q.D. inboard, 1" female washout w/ hex plug. Air foil right hand.

56549 - 223" long, (x32) .125" female fittings, 1.5" female Q.D. inboard, 1" female washout w/ hex plug. Air foil left hand.

55403 - 180" long, (x31) .125" female fittings, 1.5" female Q.D. inboard, 1" female washout w/ hex plug.



## BOOMS

### 2" CENTER BOOMS

59058 - Streamline Center Boom w/ Q.D. cap & Strainer. 45" wide, (7) .125" female fittings, factory spacing, 2" hose inlet, 1.5" male Q.D. outlets, 3.5° dihedral

56522 - Streamline Center Boom (same as above w/o Strainer)



### 2.5" BOOM

56595 - Streamline Boom, 202" long, (39) .25" female fittings, 5.375" spacing, 2" female Q.D. inboard, 1" female w/ plug outboard.

### 2.5" CENTER BOOMS

59083 - Streamline Center Boom. 45" wide, (7) .25" female fittings, standard spacing, 3" hose inlet, 2" male Q.D. outlets, 2° dihedral

56532 - Streamline Center Boom. 45" wide, (7) .125" female fittings, factory spacing, 2.5" hose inlet, 2" male Q.D. outlets, 3.5° dihedral

56557 - Streamline Center Boom (same as above w/o strainer)

