

2020

**Innovation.  
Inspired By You.**

# PETROL ENGINES

## 0831/XR550

ENGINE TYPE	: SINGLE CYLINDER, 4-STROKE, AIR COOLED, OHV (OVERHEAD VALVE)
MODEL NUMBER	: 0831/XR550
GROSS TORQUE (NM) @2600 rpm	: 7.41
GROSS POWER	: 1.8kW/2.4HP @3600 rpm
DISPLACEMENT (CC)	: 127
CYLINDER	: CAST IRON SLEEVE
BORE & STROKE (MM)	: 62.0 x 42.0
FUEL TANK CAPACITY (L)	: 2.0
OIL CAPACITY (L)	: 0.6
DRY WEIGHT (KG)	: 14.0
DIMENSIONS L x W x H(MM)	: 261 x 347 x 326
FEATURES	: LO-TONE™ MUFFLER, DUAL BALL BEARING, FORGED IRON CRANKSHAFT
OPTIONAL	: 6:1 GEAR REDUCTION



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## 1062/XR750

ENGINE TYPE	: SINGLE CYLINDER, 4-STROKE, AIR COOLED, OHV (OVERHEAD VALVE)
MODEL NUMBER	: 1062/XR750
GROSS TORQUE (NM) @2600 rpm	: 10.17
GROSS POWER	: 3.7kW/5HP @3600 rpm
DISPLACEMENT (CC)	: 163
CYLINDER	: CAST IRON SLEEVE
BORE & STROKE (MM)	: 68.0 x 45.0
FUEL TANK CAPACITY (L)	: 3.1
OIL CAPACITY (L)	: 0.6
DRY WEIGHT (KG)	: 15.5
DIMENSIONS L x W x H(MM)	: 259 x 370 x 334
FEATURES	: LO-TONE™ MUFFLER, DUAL BALL BEARING, FORGED IRON CRANKSHAFT
OPTIONAL	: OIL BATH AIR CLEANER

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## 130G/XR950

ENGINE TYPE	: SINGLE CYLINDER, 4-STROKE, AIR COOLED, OHV (OVERHEAD VALVE)
MODEL NUMBER	: 130G/XR950
GROSS TORQUE (NM) @2600 rpm	: 12.9
GROSS POWER	: 4.7kW/6.5HP @3600 rpm
DISPLACEMENT (CC)	: 208
CYLINDER	: CAST IRON SLEEVE
BORE & STROKE (MM)	: 68.3 x 55.9
FUEL TANK CAPACITY (L)	: 3.1
OIL CAPACITY (L)	: 0.6
DRY WEIGHT (KG)	: 16.0
DIMENSIONS L x W x H(MM)	: 321 x 376 x 346
FEATURES	: LO-TONE™ MUFFLER, DUAL BALL BEARING, FORGED IRON CRANKSHAFT
OPTIONAL	: OIL BATH AIR CLEANER, 2:1 GEAR REDUCTION, 6:1 GEAR REDUCTION, 12V STARTER(1.5A&3A), ULTRA LOW MOUNT AIR CLEANER



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# PETROL ENGINES

## 19N1/XR1450

ENGINE TYPE	: SINGLE CYLINDER, 4-STROKE, AIR COOLED, OHV (OVERHEAD VALVE)
MODEL NUMBER	: 19N1/XR1450
GROSS TORQUE (NM) @2600 rpm	: 20.0
GROSS POWER	: 7.5kW/10HP @3600 rpm
DISPLACEMENT (CC)	: 306
CYLINDER	: CAST IRON SLEEVE
BORE & STROKE (MM)	: 82.0 x 58.0
FUEL TANK CAPACITY (L)	: 5.3
OIL CAPACITY (L)	: 1.1
DRY WEIGHT (KG)	: 25.0
DIMENSIONS L x W x H(MM)	: 327 x 309 x 442
FEATURES	: LO-TONE™ MUFFLER, DUAL BALL BEARING, FORGED IRON CRANKSHAFT
OPTIONAL	: ELECTRIC START, 12V STARTER, 10 AMP ALTERNATOR



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## 25T2/XR2100

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ENGINE TYPE	: SINGLE CYLINDER, 4-STROKE, AIR COOLED, OHV (OVERHEAD VALVE)
MODEL NUMBER	: 25T2/XR2100
GROSS TORQUE (NM) @2600 rpm	: 28.5
GROSS POWER	: 10kW/13.5HP @3600 rpm
DISPLACEMENT (CC)	: 420
CYLINDER	: CAST IRON SLEEVE
BORE & STROKE (MM)	: 90.0 x 66.0
FUEL TANK CAPACITY (L)	: 6.6
OIL CAPACITY (L)	: 1.1
DRY WEIGHT (KG)	: 31.0
DIMENSIONS L x W x H(MM)	: 499 x 370 x 443
FEATURES	: LO-TONE™ MUFFLER, DUAL BALL BEARING, FORGED IRON CRANKSHAFT
OPTIONAL	: ELECTRIC START, 12V STARTER, 10 AMP ALTERNATOR

## 25T1 MARINE ENGINE

ENGINE TYPE	: SINGLE CYLINDER, 4-STROKE, AIR COOLED, OHV (OVERHEAD VALVE)
MODEL NUMBER	: 25T1
GROSS POWER kW (HP)@3600rpm	: 10.07*
DISPLACEMENT (CC)	: 420
CYLINDER	: CAST IRON SLEEVE
BORE & STROKE (MM)	: 90.0 x 66.0
FUEL TANK CAPACITY (L)	: 6.6
OIL CAPACITY (L)	: 1.15
DRY WEIGHT (KG)	: 36.0
DIMENSIONS L x W x H(MM)	: 368 x 460 x 465
FEATURES	: Dual plated rewind and cylinder
OPTIONAL	: 2:1 gear reduction



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# TRANSPORT GUARD™

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Designed to operate up to 45° in any direction.  
New breather assembly design and position.  
Designed to optimize ease of starting in all temperature

## Summer and Winter!

ENGINE TYPE	: SINGLE CYLINDER, 4-STROKE, AIR COOLED, OHV (OVERHEAD VALVE)
MODEL NUMBER	: 12V3
GROSS POWER	: 4.85kW/6.5HP @3600 rpm
DISPLACEMENT (CC)	: 203
CYLINDER	: CAST IRON SLEEVE
BORE & STROKE (MM)	: 68.0 x 56.0
FUEL TANK CAPACITY (L)	: 3.1
OIL CAPACITY (L)	: 0.6
DRY WEIGHT (KG)	: 16.8
DIMENSIONS L x W x H(MM)	: 289 x 375 x 361
FEATURES	: TRANSPORT GUARD™, DUAL BALL BEARING, INTEGRATED CYCLONIC AIR CLEANER, SUPER LO-TONE™ MUFFLER
OPTIONAL	: ELECTRIC START, LOW OIL SENSOR, 45° INCLINATION PACKAGE, CLEAR FLANGE MUFFLER



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# TRANSPORT GUARD™

ENGINE TYPE	: SINGLE CYLINDER, 4-STROKE, AIR COOLED, OHV (OVERHEAD VALVE)
MODEL NUMBER	: 19L1
GROSS POWER	: 5.97kW/8.0HP @3600 rpm
DISPLACEMENT (CC)	: 305
CYLINDER	: CAST IRON SLEEVE
BORE & STROKE (MM)	: 79.2 x 61.9
FUEL TANK CAPACITY (L)	: 3.6
OIL CAPACITY (L)	: 0.8
DRY WEIGHT (KG)	: 25.9
DIMENSIONS L x W x H(MM)	: 318 x 421 x 406
AVAILABLE RANGE	: 8.0HP-13HP
FEATURES	: TRANSPORT GUARD™, DUAL BALL BEARING, SUPER LO-TONE™ MUFFLER
OPTIONAL	: ELECTRIC START, LOW OIL SENSOR

ENGINE TYPE : V-TWIN, 4-STROKE, AIR COOLED, OHV (OVERHEAD VALVE)

MODEL NUMBER : 3054

GROSS POWER : 11.94kW/16.0HP @3600 rpm

DISPLACEMENT (CC) : 479

CYLINDER : CAST IRON SLEEVE

BORE & STROKE (MM) : 68.0 x 66.0

FUEL TANK CAPACITY (L) : NA

OIL CAPACITY (L) : 1.7

DRY WEIGHT (KG) : 32.7

DIMENSIONS L x W x H(MM) : 279 x 410 x 438

AVAILABLE RANGE : 14HP-35HP

FEATURES : OIL FILTER, FULL PRESSURE LUBRICATION

OPTIONAL : RE-WIND START, FUEL TANK, MUFFLER



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ENGINE TYPE : V-TWIN, 4-STROKE, AIR COOLED, OHV (OVERHEAD VALVE), ELECTRONIC GOVERNOR, ELECTRONIC FUEL INJECTION

MODEL NUMBER : 38E3

GROSS POWER : 17.16kW/23.0HP @3600 rpm

DISPLACEMENT (CC) : 625

CYLINDER : CAST IRON SLEEVE

BORE & STROKE (MM) : 75.5 x 70.0

FUEL TANK CAPACITY (L) : NA

OIL CAPACITY (L) : 1.7

DRY WEIGHT (KG) : 35

DIMENSIONS L x W x H(MM) : 318 x 407 x 449

FEATURES : RE-WIND START, OIL FILTER FULL PRESSURE LUBRICATION, EFI

OPTIONAL : FUEL TANK, MUFFLER, DONALDSON CYCLONIC AIR CLEANER



ENGINE TYPE : V-TWIN, 4-STROKE, AIR COOLED, OHV (OVERHEAD VALVE), ELECTRONIC FUEL INJECTION

MODEL NUMBER : 61E3

GROSS POWER : 27.6kW/37.0HP @3600 rpm

DISPLACEMENT (CC) : 993

CYLINDER : CAST IRON SLEEVE

BORE & STROKE (MM) : 85.5 x 86.5

FUEL TANK CAPACITY (L) : NA

OIL CAPACITY (L) : 2.3

DRY WEIGHT (KG) : 56.7

DIMENSIONS L x W x H(MM) : 379 x 496 x 725

AVAILABLE MODELS : 33HP, 35HP, 37HP

FEATURES : OIL FILTER, FULL PRESSURE LUBRICATION

OPTIONAL : REWIND START, FUEL TANK, MUFFLER, DONALDSON CYCLONIC AIR CLEANER



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# VERTICAL ENGINE

ENGINE TYPE	: SINGLE CYLINDER, 4-STROKE, AIR COOLED, DOV (DIRECT OVERHEAD VALVE), 750EX SERIES™ I/C <sup>®</sup> DOV <sup>®</sup>
MODEL NUMBER	: 1008
GROSS TORQUE (NM)@2600 rpm	: 9.49
DISPLACEMENT (CC)	: 161
CYLINDER	: CAST IRON SLEEVE
BORE & STROKE (MM)	: 64.0 x 50.0
FUEL TANK CAPACITY (L)	: 1.0
OIL CAPACITY (L)	: 0.6
DRY WEIGHT (KG)	: 11.1
DIMENSIONS L x W x H(MM)	: 369 x 325 x 254
AVAILABLE RANGE (in OHV)	: 125CC - 223CC
FEATURES	: MECHANICAL GOVERNOR READY START
OPTIONAL	: ELECTRICAL START



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POWERED BY

ENGINE TYPE	: SINGLE CYLINDER, 4-STROKE, AIR COOLED, OHV (OVERHEAD VALVE)
MODEL NUMBER	: 21R6
GROSS TORQUE (NM)@3600 rpm	: 18.79
DISPLACEMENT (CC)	: 344
CYLINDER	: CAST IRON SLEEVE
BORE & STROKE (MM)	: 87.3 x 57.5
FUEL TANK CAPACITY (L)	: 2.6(OPTIONAL)
OIL CAPACITY (L)	: 1.4
DRY WEIGHT (KG)	: 26.8
DIMENSIONS L x W x H(MM)	: 452 x 393 x 327
AVAILABLE RANGE IN SINGLE CYLINDER	: 344CC - 540CC
AVAILABLE RANGE IN V-TWIN	: 656CC - 724CC
FEATURES	: AVS <sup>®</sup> , DURA LUBE
OPTIONAL	: MUFFLER, READY START <sup>®</sup> , REWIND START, ELECTRIC FUEL MANAGEMENT(EFM)



ENGINE TYPE	: SINGLE CYLINDER, 4-STROKE, AIR COOLED, OHV (OVERHEAD VALVE)
MODEL NUMBER	: 115P(850 E SERIES)
GROSS TORQUE (NM)@3600 rpm	: 18.79
DISPLACEMENT (CC)	: 190
CYLINDER	: CAST IRON SLEEVE
BORE & STROKE (MM)	: 87.3 x 57.5
FUEL TANK CAPACITY (L)	: 1.0(OPTIONAL)
OIL CAPACITY (L)	: 0.6
DRY WEIGHT (KG)	: 10.0
DIMENSIONS L x W x H(MM)	: 339 x 338 x 238



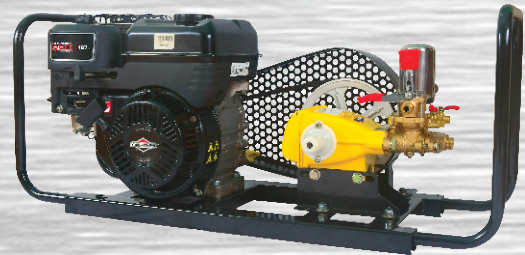
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# AGRICULTURAL EQUIPMENTS

## POWER SPRAYER

MODEL	: RBS - 21K
WORKING PRESSURE	: 2.1 - 4.5MPa
OUTPUT	: 10 - 16LPM
VERTICAL SPRAYING RANGE	: 10M
ENGINE	: XR550/0831
DISPLACEMENT	: 127CC
RATED HORSE POWER	: 1.8kW(2.4HP)3600rpm



## POWER SPRAYER

MODEL	: RBS - 22K
WORKING PRESSURE	: 2.1 - 4.5MPa
OUTPUT	: 14 - 22LPM
VERTICAL SPRAYING RANGE	: 10M
ENGINE	: XR550/0831
DISPLACEMENT	: 127CC
RATED HORSE POWER	: 1.8kW(2.4HP)3600rpm



## POWER SPRAYER

MODEL	: RBS - 30K
WORKING PRESSURE	: 2.1 - 4.5MPa
OUTPUT	: 20 - 35LPM
VERTICAL SPRAYING RANGE	: 10M
ENGINE	: XR750/1062
DISPLACEMENT	: 163CC
RATED HORSE POWER	: 3.7kW(5HP)3600rpm



## WATER PUMP - RBS - 40B

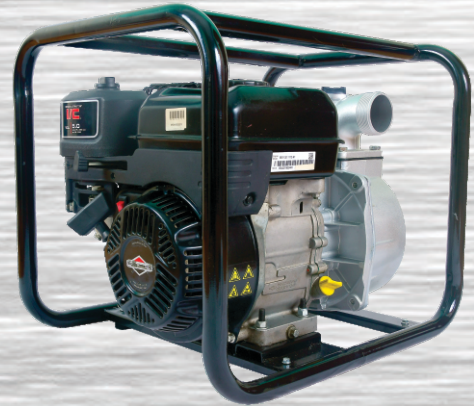
MODEL	: RBS - 40B
SUCTION	: 7M
MAX. HEAD	: 30M
FLOW	: 250LPM
INLET/OUTLET DIA.	: 40MM / 1.5INCH
ENGINE	: XR550/0831
DISPLACEMENT	: 127CC
RATED HORSE POWER	: 1.8kW(2.4HP)3600rpm



# AGRICULTURAL EQUIPMENTS

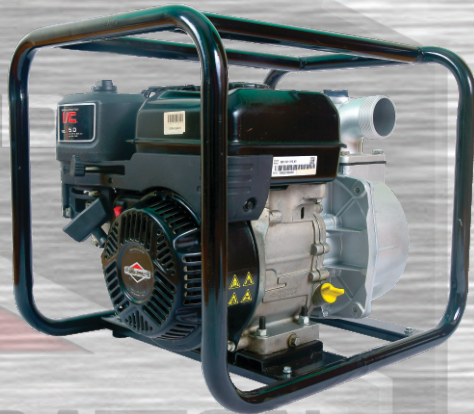
## WATER PUMP - RBS - 20 CX

MODEL	: RBS - 20CX
SUCTION	: 7M
MAX. HEAD	: 25M
FLOW	: 530LPM
INLET/OUTLET DIA.	: 50MM / 2INCH
ENGINE	: XR550/0831
DISPLACEMENT	: 127CC
RATED HORSE POWER	: 1.8kW(2.4HP)3600rpm



## WATER PUMP - RBS - 30 CX

MODEL	: RBS - 30 CX
SUCTION	: 7M
MAX. HEAD	: 21M
FLOW	: 1000LPM
INLET/OUTLET DIA.	: 80MM / 3INCH
ENGINE	: XR750/1062
DISPLACEMENT	: 163CC
RATED HORSE POWER	: 3.7kW(5HP)3600rpm



## HIGH HEAD WATER PUMP - RBS - HP 50

MODEL	: RBS - HP 50
SUCTION	: 7M
MAX. HEAD	: 55M
FLOW	: 500LPM
INLET/OUTLET DIA.	: 50MM / 2INCH
ENGINE	: XR950/130G
DISPLACEMENT	: 208CC
RATED HORSE POWER	: 4.7kW(6.5HP)3600rpm



## TRASH WATER PUMP - RBS - WB 80

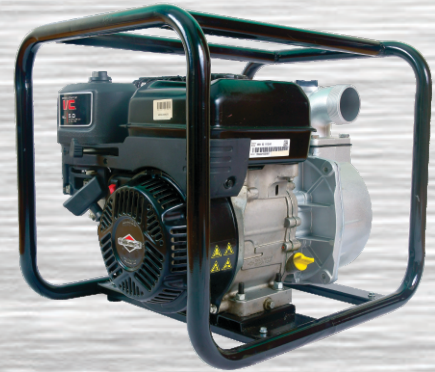
MODEL	: RBS - WB 80
SUCTION	: 7M
MAX. HEAD	: 21M
FLOW	: 900LPM
INLET/OUTLET DIA.	: 80MM / 3INCH
ENGINE	: XR950/130G
DISPLACEMENT	: 208CC
RATED HORSE POWER	: 4.7kW(6.5HP)3600rpm



# AGRICULTURAL EQUIPMENTS

## MUD PUMP - RBS - WB 100

MODEL	: RBS - WB 100
SUCTION	: 7M
MAX. HEAD	: 27M
FLOW	: 1200LPM
INLET/OUTLET DIA.	: 100MM / 4INCH
ENGINE	: XR1450/19N1
DISPLACEMENT	: 306CC
RATED HORSE POWER	: 7.5kW(10HP)3600rpm



## LAWN MOVER - RBS - 3231

MODEL	: RBS - 3231
FUEL TANK CAPACITY	: 1200ML
OIL CAPACITY	: 600ML
CUTTING WIDTH	: 460MM / 18INCH
CUTTING HEIGHT	: 25 - 76MM
OPERATING MODEL	: SEMI DRIVE
ENGINE	: 103M
DISPLACEMENT	: 163CC
RATED HORSE POWER	: 3.3kW(4.5HP)3600rpm



## TILLER - RBS - GT 75

MODEL	: RBS - GT 75
TILLING SCOPE	: 100CM
TILLING DEPTH	: 10MM
GEAR SHIFTING	: -1, 2, 0, 1
TRANSMISSION TYPE	: BELT
OIL CAPACITY	: 0.95L
ENGINE	: XR950/130G
DISPLACEMENT	: 208CC
RATED HORSE POWER	: 4.7kW(6.5HP)3600rpm



## BRUSH CUTTER

MODEL	: RBS - 43W
TYPE	: HAND HELD
DRIVE SHAFT MATERIAL	: STEEL
DRIVE SHAFT DIAMETER	: 8MM
WEIGHT	: 7.8 KG
ENGINE TYPE	: SINGLE CYLINDER, AIR-COOLED 2 STROKE
DISPLACEMENT	: 43.2CC
MAX POWER	: 1.25 KW/6500RPM
CARBURETTOR	: DIAPHRAGM
FUEL TANK CAPACITY	: 1.2 L



# INDUSTRIAL EQUIPMENTS

## CONCRETE VIBRATOR

MODEL	: RBS - CV 127
NEEDLE SIZE	: 40MM
MAX. FREQUENCY	: 3000Hz/MIN
ENGINE	: XR550/0831
DISPLACEMENT	: 127CC
RATED HORSE POWER	: 1.8kW(2.4HP)3600rpm



## PLATE COMPACTOR

MODEL	: RBS - PC 80P
CENTRIFUGAL FORCE	: 13Kn
FREQUENCY	: 5400Hz
COMPACTION DEPTH	: 30CM
PLATE SIZE	: 50 x 45CM / 20 x 18INCH
ENGINE	: XR950/130G
DISPLACEMENT	: 208CC
RATED HORSE POWER	: 4.7kW(6.5HP)3600rpm



## POWER TROWEL

MODEL	: RBS - PT 60P
ROTARY SPEED	: 70 - 140rpm
NO. OF LEAFS	: 4
DIA. OF PAN	: 60CM
ENGINE	: XR750/1065
DISPLACEMENT	: 163CC
RATED HORSE POWER	: 3.7kW(5HP)3600rpm



## CONCRETE CUTTER

MODEL	: RBS - CC 500P
BLADE	: 400MM / 18INCH
CUTTING WIDTH	: 5 - 8MM
CUTTING DEPTH	: 140MM
VOLUME OF WATER TANK	: 35L
TRAVEL SPEED	: 1 - 2M/MIN
ENGINE	: XR2100/25T2
DISPLACEMENT	: 420CC
RATED HORSE POWER	: 10kW(13.5HP)3600rpm



# INDUSTRIAL EQUIPMENTS

## AIRLESS PAINT SPRAYER

MODEL	: RBS - APS 220
MAX. PRESSURE	: 220BAR / 2800Psi
DELIVERY	: 1.9LPM
TYPE OF PUMP	: DIAPHRAGM
ENGINE	: XR550/0831
DISPLACEMENT	: 127CC
RATED HORSE POWER	: 1.8kW(2.4HP)3600rpm



## AIR COMPRESSOR

MODEL	: RBS - BAC 50
MAX. DISPLACEMENT	: 36LPM
VOLUME OF TANK	: 50L
MAX. PRESSURE	: 8BAR / 116Psi
ENGINE	: XR750/1065
DISPLACEMENT	: 163CC
RATED HORSE POWER	: 3.7kW(5HP)3600rpm



## HIGH PRESSURE CLEANER

MODEL	: RBS - HPC 150
TYPE OF PUMP	: PLUNGER
MAX. WORKING PRESSURE	: 150BAR / 2150Psi
WATER FLOW RATE	: 6.5LPM
ENGINE	: XR750/1065
DISPLACEMENT	: 163CC
RATED HORSE POWER	: 3.7kW(5HP)3600rpm



# INDUSTRIAL EQUIPMENTS

## HIGH PRESSURE CLEANER

MODEL	: RBS - 8.7/18
MAX. WORKING PRESSURE	: 186BAR / 2800Psi
WATER FLOW RATE	: 8.3LPM
ENGINE	: XR950/130G
DISPLACEMENT	: 208CC
RATED HORSE POWER	: 4.7kW(6.5HP)3600rpm



## HIGH PRESSURE CLEANER

MODEL	: RBS - 8.7/22
MAX. WORKING PRESSURE	: 220BAR / 3200Psi
WATER FLOW RATE	: 9.5LPM
ENGINE	: XR1450/19N1
DISPLACEMENT	: 306CC
RATED HORSE POWER	: 7.5kW(10HP)3600rpm



# OUTBOARD ENGINES

## OUTBOARD MARINE

MODEL	: RBS - M 127
ENGINE	: XR550/0831
DISPLACEMENT	: 127CC
RATED HORSE POWER	: 1.8kW(2.4HP)3600rpm
FUEL	: PETROL



## OUTBOARD MARINE

MODEL	: RBS - M 163
ENGINE	: XR750/1065
DISPLACEMENT	: 163CC
RATED HORSE POWER	: 3.7kW(5HP)3600rpm
FUEL	: PETROL



# ACCESSORIES



FRAME - POWER SPRAYER



SPRAY HOSE



SPRAY GUN



PUMP HTTP - POWER SPRAYER



FRAME - WATER PUMP



PUMP KIT



FLEXIBLE HOSE



FRAME - PRESSURE CLEANER



HEAVY-DUTY PRESSURE PUMP



HEAVY-DUTY PRESSURE GUN



BEND LANCE



HIGH PRESSURE GUN



TURBO NOZZLE



CHECK VALVE KIT



PRESSURE CLEANER SEAL KIT



FOAM PRODUCER



QUICK PLUG NOZZLE



PRESSURE HOSE



AIR-LESS SPRAYER GUN



PRESSURE HOSE



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