

# IRRIFRANCE REEL MACHINE RANGE



## MICRO 44-50

ø 44 - 120 m  
ø 50 - 110 m



## SUPER MINI

ø 63 - 280 m  
ø 70 - 200 m



## OPTIMA 1037 simple axle or boggie

ø 100 - 550 m ø120 - 400 m  
ø 100 - 600 m ø120 - 420 m  
ø 110 - 450 m ø125 - 385 m  
ø 110 - 500 m ø125 - 400 m  
ø 110 - 510 m ø125 - 410 m  
ø 110 - 530 m ø135 - 370 m  
ø 110 - 550 m ø135 - 390 m  
ø 110 - 570 m



## OPTIMA 1005 - 1010

ø 75 - 300 m ø75 - 380m  
ø 82 - 260 m ø82 - 300m  
ø 90 - 270 m



## OPTIMA 1045 - 1055 boggie

ø 110 - 560 m ø 110 - 650 m  
ø 120 - 460 m ø 120 - 620 m  
ø 120 - 520 m ø 125 - 600 m  
ø 125 - 440 m  
ø 125 - 500 m



## OPTIMA 1015 - 1020

ø 75 - 400m ø 82 - 420m  
ø 82 - 350m ø 90 - 400m  
ø 82 - 370m ø 90 - 450m  
ø 90 - 340m ø100 - 330m  
ø 100 - 260m ø100 - 370m  
ø100 - 410m  
ø110 - 340m



## 1040 VPS - 1040 BIS VPS

ø 100 - 500 m ø 100 - 450 m  
ø 100 - 550 m ø 110 - 530 m  
ø 110 - 400 m ø 120 - 410 m  
ø 120 - 360 m ø 125 - 400 m  
ø 125 - 350 m

## BELLOWS S1, S 2, S 2 bis

ø 63 - 340 m ø 90 - 450 m  
ø 70 - 310 m ø 90 - 450 m  
ø 75 - 310 m ø 100 - 360 m  
ø 75 - 380 m ø 100 - 400 m  
ø 82 - 290 m ø 110 - 380 m  
ø 90 - 265 m  
ø 82 - 360 m  
ø 90 - 300 m  
ø100 - 280 m



## 1050 VPS - 1055 VPS

ø 110 - 560 m ø 110 - 650 m  
ø 110 - 600 m ø 120 - 620 m  
ø 120 - 520 m ø 125 - 600 m  
ø 125 - 500 m



## OPTIMA 1027 - 1032 simple axle or boggie

ø 90 - 500 m ø100 - 500 m  
ø 100 - 400 m ø100 - 540 m  
ø 100 - 450 m ø110 - 450 m  
ø 100 - 470 m ø110 - 470 m  
ø 110 - 370 m ø110 - 500 m  
ø 110 - 400 m ø120 - 370 m  
ø 110 - 420 m ø120 - 380 m  
ø 125 - 350 m  
ø 125 - 360 m



## 2061 - 2076

ø 135 - 550 m ø 125 - 600 m  
ø 135 - 600 m ø 125 - 670 m  
ø 125 - 730 m  
ø 125 - 750 m



The optimal solution

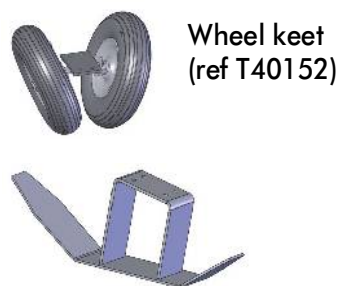
# IRRIFRANCE TROLLEY RANGE



SUPER MINI



OPTIMA 1005-1010 Pendular



Wheel keet  
(ref T40152)

Ski kit (ref P20230)



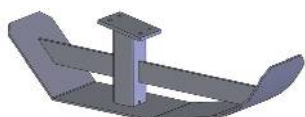
Trolley OPTIMA serie  
Fixed way 1,75m (ref C56881)



High trolley with adjustable track  
(ref B45541)



Offset high trolley\* (F36345)  
Offset and central (K60315)



Ski kit (ref ref S44130)

Wheel kee (ref T40152)



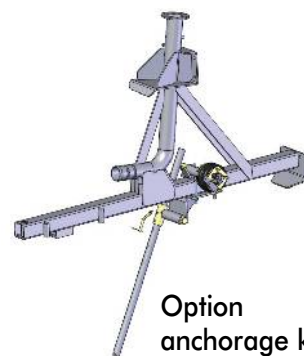
Standard trolley 2008



Offset trolley 2008\*



Option kit trolley  
guide 2008



Option  
anchorage kit



Trolley VPS Standard



Trolley VPS Offset\*



Option kit trolley VPS



\* Gun centring kit for offset trolley in option

# THE OPTIMA RANGE



Du Ø 63 to Ø 135

De 225 m to 750

1005  
1010  
1015  
1020  
1027  
1032  
1037  
1045  
1055



## Optima range at a glance

### Automatic lifting of the trolley

A lifting device adaptable to all field conditions.

- 100% hot dip galvanized steel trolley, articulated to prevent crop washing damages\*.
- Equipped with skid or wheel kit.
- Various configurations available to meet your requirements : offset, central, high, low.
- Constant rain-gun angle for any gradient.

### Turbine - performance and versatility

- Cast iron on all models except 1045 and 1055 in aluminium.
- Wide cross section, low-pressure loss.
- Wide range of flow rates, very high torque.

### Transmission

- Various speed gearbox suiting light to heavy applications.
- Automatic unwinding brake.
- Tractor PTO rewind.

### Winding safety

- Front back drum sensor for a better protection of the PE tube.

### Stabilisers

- 100% hot dip galvanized.
- Mechanical pinion drive or hydraulic drive according to the model

### Safety

- Designed distribution of loading pressure for a maximum stability,
- Low centre of gravity,
- Mechanical control of the automatic clutch,
- Long reach stabiliser legs for maximum ground anchorage.

### V" Profile chassis

- High mechanical strength,
- Height adjustable towing eye (except on 1000 / 1005 / 1010),

- High resistance Epoxy paint or galvanised,
- Full hydraulic tandem axle chassis optional on 1027-1032-1037 standard on 1045 -1055

### Turntable Rotation

- Mechanical with standard automatic locking on 1005 - 1010,
- Mechanical or hydraulic on other models,
- Multi- positions rotation angle,
- High gear ratio for an easy rotation
- Secured system with automatic safety lock.

### Winding Control

- Mechanical drive with sensor (1005 -1010)
- Electronic management through Irricontrol or Irridoseur

### Electronic Control

- Mono-block device, solenoid valves and pressure switch,
- Easy to operate,
- High protection

### Hydraulic System

- Option on 1005 to 1020 / Standard on 1027 to 1055 :
- Stabilisers powered from tractor distributor
- 2 hydraulic functions: stabilizers + rotation of the turntable
- 3 hydraulic functions mounted on front jack: stabilisers, rotation of the turntable, front jack.
- \* Trolley equipment :**
- **standard for 1000-1005-1010 : pendular trolley**
- **Optional for 1005 1010 : articulated anti crops washing trolley**

# COMPLEMENTARY OPTIONS

## Gun equipments



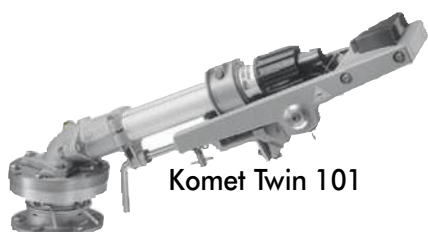
Nelson SR 75



Nelson SR 100



Nelson SR 150



Komet Twin 101



Komet Twin 140



Komet Twin 160



Sime Jolly



Sime Reflex



Sime Royal

For further information, contact your Irrifrance sales representative.

## Main options

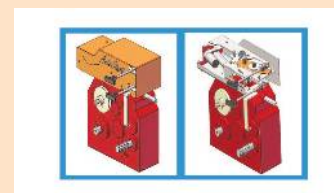
- Trolley rise kit 0,24 m\*
- Hooking 3 points system for tractor
- Hitch Kit 3 points offset
- Pressure transmitter kit Irridoseur
- Distribution kit Optima Irridoseur
- Distribution kit Optima
- GSM option for Irridoseur without Irridoseur 4 panel, without card SIM
- Beacon kit Irridoseur
- Autostart box 200m/k(except serie 2000)
- Reception kit for trolley optima in hill
- Extra cost for 2 cast iron weights
  - standard : 2 weights for Trolley for 1015 & 1020
  - 4 weights from 1027, 2000 & Premium range

\*Needs extra ballasting of the trolley

Please consult us for any other PR length

Non contractual document, all data can be modified at any time without notice

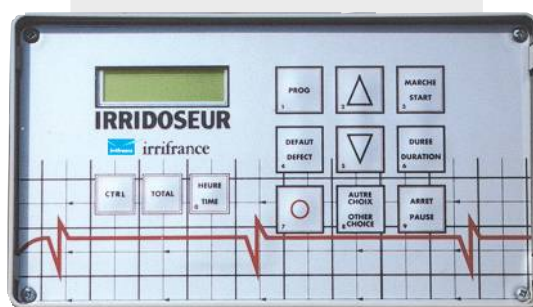
## KIT AUTOSTART



Optional from Optima 1027 and above

Easy starting irrigation kit, at the pressurization time without having to return to the reel machine after hose run.

# ELECTRONIC REGULATION



## IRRIDOSEUR

### Irridoseur main fonctions



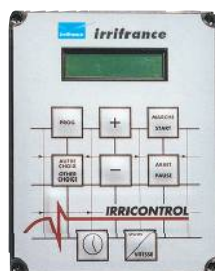
- Dosis regulation,
- Ending day and time display,
- 10 irrigation programs memory
- Delayed start and delayed stop,
- Area and gradient management
- Deferred start
- Cease watering function
- Actual and to date calculation of flow rate and operating hours
- Built-in diagnostic facility
- Analogical sensor (option)

### The GSM choice

Combine with the Irridoseur, the GSM equipment enables distant communication with the hose reel through SMS messages :

- Information posted on the mobile phone: end of irrigation alarm, detailed alert in case of dysfunction
- Distance irrigation programming: on and off function, change of data and program query

## IRRICONTROL



### Irricontrol main fonctions

- Programmable for speed or duration,
- Speed regulation,
- Delayed start,
- Delayed stop,
- Ending day and time,
- Deferred start,
- Diagnostic facility,



The optimal solution

## Motorization by electric valve



**Standard**  
from 1005 to 1020



**Standard**  
du 1027 au 1037



**Standard**  
from 1045 to 2076

## Electronic equipment



### Measurement inductive sensor :

Located straight on the kinematics chain, this reliable sensor provides accurate counting.



### Integrated electric set : Including :

- 1/ A 12 V low discharge battery 24 A/h.
- 2/ A wide size solar panel providing a permanent charging of the battery and enabling an electric autonomy.
- 3/ A charge limiter to preserve the battery.



### End-of-winding sensor :

Its action generates the electric cut of the winding and of the watering.



### Safe winding sensor :

Warrant of a safe winding of the polyethylene, its location enables the sensor to detect any anomaly during the winding process.

# MICRO 44 - 50



Product: Micro 44 fibre safety hood with the optional low trolley for stadium

## MICRO

Ø 44 - 120 m

Ø 50 - 110 m

## Standard equipment

- - Turbine version: High output with low-pressure loss operating from 4 m<sup>3</sup>/h. Various speed gears. Silent operating without water rejection
- Bellows version: No pressure loss, low pressure operating.
- Connection hose Ø 50 length 3 meters with 2" HR male coupler and threaded 2" male coupler.
- Part circle gun JOLLY with nozzles Ø 10, 12 et 14.
- Tyres : 400 x 8 (bellows)- 16/6,5 x 8 (Turbine)
- Auto shut off valve..
- 3 wheels frame
- Sheet metal or plastic housing

## Hydraulic Performances

	Inflow pressure (bar)	Flow rate m <sup>3</sup> /h	Pressure gun bar	Nozzle mm	Length m	Irrigated strip m	Average area (ha)
Ø 50 / 110 m	4,0 / 4,5	6	3	8	22	30	0,4
	6,3 / 6,8	7,8	5	8	25,5	36	0,5
	4,4 / 4,8	8,3	3	10	24	36	0,5
	6,8 / 7,3	10,7	5	10	28,5	42	0,6
	4,9 / 5,3	11,1	3	12	26	36	0,5
Ø 44 / 120 m	4,0 / 5,0	6	3	8	22	30	0,4
	7,0 / 7,5	7,8	5	8	25,5	36	0,5
	5,2 / 5,7	8,3	3	10	24	36	0,5
	8,1 / 8,6	10,7	5	10	28,5	42	0,6
	6,3 / 6,8	11,1	3	12	26	36	0,5



The optimal solution



Low-pressure turbine drive



Speed regulation through by-pass



Metal version turbine drive Micro



Bellows drive Micro



High trolley for horticulture



Low trolley for stadium

## Equipment (mandatory)

### Equipment (mandatory) :

Trolley to be selected (necessary):

- High profile trolley 44, nozzles at 1 m from the ground
- Low profile trolley micro 34 , nozzles at 0.40m from the ground

### Dimensions

Product	Height (m)	Width (m)	Length ex trolley (m)	Length in trolley (m)	Height under frame (m)	Tyres	Weight ex water	Weight inc water
Micro	1,19	1,26	1,60	4,75	0,19	selon série	205	310

# MINI BELLOW 63 - 70



## MINI

Ø 63 - 280 m  
Ø 70 - 200 m

### Standard equipment

- Motorization bellows drive with mechanical speed regulation.
- Connection hose Ø 3" length 4 meters with 3" HR male coupler and 3"FLD male coupler.
- Manual turntable.
- Part circle gun KOMET 163 with nozzles Ø 12-14-16.
- Automatic trolley hooking and winch lifting device.
- Galvanized trolley with adjustable track
- Automatic shut off valve, DV , or water supply elbow connection.

### Hydraulic performances

Model	Ø PE	PE Length(m)	PE Thickness (mm)	RLL*	Flow Rate (m <sup>3</sup> /h)	Inflow Pressure (Bars)	Irrigated strip width (m)	Average Area (ha)
Super	ø 63	280	4,7	80%	8 - 24	5 - 10	42 - 60	1,5
Mini	ø 70	200	5	80%	8 - 30	5 - 10	54 - 72	1,3



The optimal solution

\*RLL : recovery last layer



Bellows 8" drive



Manual winch trolley lifting



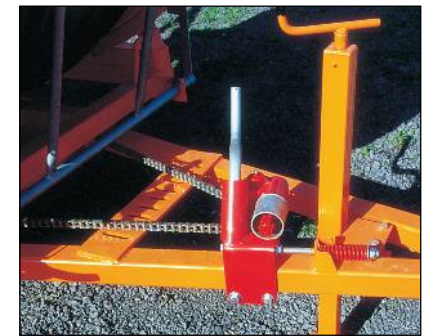
Automatic trolley hooking



Hydrofilter engine



Speed regulation



Mechanical jack and rotation of the turntable

## Equipment

### Equipment (mandatory) :

- Water supply elbow connect. kit (bellow)
- Discharge valve
- Shut-off valve
- Ski kit for pendular trolley or wheel kit for front trolley OP-TIMA

- Optional mechanical equipment :
  - Mechanical rotation of the turntable
  - Connection hose for discharge valve 6m hr 3" VD

### Technical characteristics

Model	Height (m)	Width (m)	Length ex trolley (m)	Length in trolley (m)	Height under frame	Tyres	Weight ex water	Weight inc water
Super Mini	2,05	1,75	2,90	4,75	0,28	185 x 70 x 13	700	1000

# OPTIMA 1005 - 1010



## 1005

Ø 75 - 300 m  
Ø 82 - 260 m

## 1010

Ø 75 - 380 m  
Ø 82 - 300 m  
Ø 90 - 270 m

### Standard equipment

- Motorization Turbine or Irricontrol Turbine
- Regulation through electric motorised butterfly valve
- Connection hose Ø 3" length. 6 m with 3" HR male coupler /3"FLD male coupler.
- Automatic lifting trolley device.
- Manual turntable with automatic locking.
- Mechanical stabilizers..
- PTO shaft
- High and galvanized trolley with adjustable track
- Pendular trolley preventing crop-washing damages
- Part circle gun KOMET Twin 101 with nozzles Ø 16, 18, 20 et 22

### Hydraulic performances

Model	Ø PE	PE Length(m)	PE Thickness (mm)	RLL*	Flow Rate (m³/h)	Inflow Pressure (Bars)	Irrigated strip width (m)	Average Area (ha)
Optima 1005	ø 75	300	5,5	70%	12 - 35	6 - 9	48 - 66	2,0
	ø 82	260	6	50%	17 - 45	5,5 - 9	54 - 72	1,9
Optima 1010	ø 75	380	5,5	40%	12 - 32	6 - 10	48 - 66	2,5
	ø 82	300	6	70%	17 - 45	5,5 - 9,5	54 - 72	2,2
	ø 90	270	6,7	60%	18 - 60	5,5 - 10	54 - 78	2,3



The optimal solution

\*RLL : recovery last layer



Turbine motorization



Automatic shut-off valve VA



Automatic pendular trolley lifting



Butterfly valve controlled by electric motor



Discharge valve VD



Mechanical rotation of the turntable with automatic locking



## Equipment

### Equipment (mandatory) :

- Electric stop systems :
  - - Shut-off valve or discharge electric valve Automatic shut off valve 1005-1010.
  - Skid kit or wheel kit

### Optional equipment

- Trolley :
  - Option adjustable way for trolley 1.40 m
  - Offset trolley OPTIMA
  - Offset high trolley (h:1,40m)
  - Gun centring kit for offset trolley
  - Trolley guide OPTIMA se 2011
  - Option articulated anti crops washing trolley (without cast iron weight) :
  - Trolley fixed track h 0.90m 1005 1010 with ski or wheel kit

### • Optional mechanical equipment :

- Mechanical turntable kit 1005-1010
- Adjustable front jack 1020
- Hydraulic stabilizers 1005-1020
- Hydraulic turntable and stabilizers 1020
- Complete hydraulic kit 1005-1010\* :
- Extra cost galvanized turntable and chassis 1005-1020
- \* This kit contains turntable, stabilizers and front jack

### Technical characteristics

Model	Height (m)	Width (m)	Length ex trolley (m)	Length in trolley (m)	Height under frame	Tyres	Weight ex water	Weight inc water
1005	2,76	2,28	5,25	6,30	0,32	10.0/80 x 12	1950	2950
1010	2,90	2,28	5,25	6,30	0,32	10.0/80 x 12	2100	3300

# OPTIMA 1015 - 1020



## 1015

Ø 75 - 400 m  
 Ø 82 - 350 m  
 Ø 82 - 370 m  
 Ø 90 - 340 m  
 Ø 100 - 260 m

## 1020

Ø 82 - 420 m  
 Ø 90 - 400 m  
 Ø 90 - 450 m  
 Ø 100 - 330 m  
 Ø 100 - 370 m  
 Ø 100 - 410 m  
 Ø 110 - 340 m



The optimal solution

## Standard equipment

- Motorization turbine Irricontrol or turbine Irridiseur
- Connection hose Ø 4" length 4 m with HR male 4" coupler and FLD male 4" coupler.
- Part circle gun KOMET Twin 140 for Ø 100 and Ø 110 + nozzles Ø 22, 24, 26 et 28
- Automatic trolley lifting.
- Manual front jack.
- Mechanical turntable.
- Mechanical stabilisers.
- Double supply pipe.
- PTO shaft.
- Galvanized and articulated trolley, high 0,90 m, fixed track 1,75 m, equipped with 2 cast iron weights and anti crops washing system.
- Part circle gun KOMET Twin 101 for Ø 75, Ø 82 and Ø 90 + nozzles Ø 16, 18, 20, 22

## Hydraulic performances

Model	Ø PE	PE Length(m)	PE Thickness (mm)	RLL*	Flow Rate (m³/h)	Inflow Pressure (Bars)	Irrigated strip width (m)	Average Area (ha)
Optima 1015	Ø 75	400	6,8	70%	18 - 30	5,5 - 10	54 - 60	2,6
	Ø 82	350	6	50%	18 - 40	5,5 - 10	54 - 66	2,5
	Ø 82	370	6	70%	18 - 40	5,5 - 10	54 - 66	2,5
	Ø 90	340	6,7	60%	18 - 58	5,5 - 10	54 - 78	2,6
	Ø 100	260	7,4	80%	18 - 70	5,5 - 10	54 - 84	2,6
Optima 1020	Ø 82	420	7,5	70%	23 - 37	5,5 - 10	54 - 66	2,7
	Ø 90	400	6,7	80%	23 - 50	5,5 - 11	54 - 78	2,9
	Ø 90	450	8,2	35%	25 - 45	5,5 - 11	54 - 78	3,3
	Ø 100	330	7,4	40%	23 - 70	5,5 - 10	66 - 84	3,1
	Ø 100	370	7,4	80%	23 - 60	5,5 - 10	66 - 84	3,5
	Ø 100	410	7,4	30%	23 - 60	5,5 - 10	66 - 84	3,7
	Ø 110	340	8,2	80%	23 - 75	5,5 - 10	72 - 90	3,6

\*RLL : recovery last layer



Supply tubing with integrated valve



Turbine motorization VA



Automatic trolley lifting preventing crop-washing damages



Double supply pipe



Turbine motorization VD  
Equipment



Mechanical rotation of the turntable

#### Equipment (mandatory) :

- Electric stop systems :
  - - Shut-off valve or discharge electric valve.
  - Skid kit or wheel kit

#### Optional equipment

- Trolley :
  - Option adjustable way for trolley 1.40 m
  - Offset trolley OPTIMA
  - Offset high trolley (h:1,40m)
  - Gun centring kit for offset trolley
  - Trolley guide OPTIMA 2011

#### • Optional mechanical equipment :

- Adjustable jack
- Hydraulic stabilisers
- Hydraulic rotation + stabilizers
- Full hydraulic set :
  - This kit contains turntable, stabilizers and front jack
- Others options
  - Tyres 31/15.5 X 15
  - Galvanised frame
  - Connection hose for discharge valve 6m HR Ø 100
  - Hydraulic lifting of boom trolley
  - Elbow VD 3" mâle
  - Boom lifting kit

#### Technical characteristics

Model	Height (m)	Width (m)	Length ex trolley (m)	Length in trolley (m)	Height under frame	Tyres	Weight ex water	Weight inc water
1015	2,99	2,28	5,00	6,30	0,32	10 x 0,75 x 15	2400	3900
1020	3,16	2,32	5,10	6,40	0,32	10 x 0,75 x 15	2900	4900

# OPTIMA 1027 - 1032 - 1037



## 1027

- Ø 90 - 500 m    Ø 110 - 370 m
- Ø 100 - 400 m    Ø 110 - 400 m
- Ø 100 - 450 m    Ø 110 - 420 m
- Ø 100 - 470 m

## 1032

- Ø 100 - 500 m    Ø 120 - 380 m
- Ø 100 - 540 m    Ø 125 - 350 m
- Ø 110 - 450 m    Ø 125 - 360 m
- Ø 110 - 470 m
- Ø 110 - 500 m
- Ø 120 - 370 m

## 1037

- Ø 100 - 550 m    Ø 120 - 400 m
- Ø 100 - 600 m    Ø 120 - 420 m
- Ø 110 - 450 m    Ø 125 - 385 m
- Ø 110 - 500 m    Ø 125 - 400 m
- Ø 110 - 530 m    Ø 125 - 410 m
- Ø 110 - 550 m    Ø 135 - 370 m
- Ø 110 - 570 m    Ø 135 - 900 m

### Standard equipment

- Motorization turbine Irricontrol or turbine Irridoseur
- Connection hose Ø 4" length 4 m with HR male 4" coupler and FLD male 4" coupler.
- Manual front jack (mechanical or hydraulic in option) (hydraulic front jack on boggie)
- Trolley lifting type premium serie
- Hydraulic turntable.                      • Hydraulic stabilizers.
- Double supply pipe.                      • PTO shaft.
- Galvanized and articulated trolley, high 0,90 m, fixed track 1,75 m, equipped with 2 cast iron weights and anti crops washing system.
- Tool rack
- Part circle gun KOMET Twin ø101 nozzles ø16, 18, 20 et 22 for 90
- Part circle gun KOMET Twin 140 nozzles ø 22, 24, 26 et 28 for 100, 110
- Part circle gun KOMET Twin 160 nozzles 24, 26, 27,5 et 30 for 120 & 125

### Hydraulic performances

Modèle	Ø PE	PE Long.(m)	PE Ep.(mm)	RDC*	Débit (m³/h)	Pression entrée (Bars)	Largeur bande arrosée en m	Surface moyenne en ha
Optima 1027	Ø 90	500	8,2	50%	25 - 40	6 - 10	66 - 72	3,6
	Ø 100	400	7,4	90%	30 - 60	6 - 10	72 - 84	3,4
	Ø 100	450	9,1	40%	30 - 55	6 - 10	66 - 78	3,5
	Ø 100	470	9,1	100%	30 - 55	6 - 10	66 - 78	3,6
	Ø 110	370	8,2	40%	30 - 75	6 - 10	72 - 90	3,3
	Ø 110	400	8,2	70%	30 - 80	6 - 10	72 - 90	3,6
	Ø 110	420	10	90%	30 - 65	6 - 10	72 - 84	3,9
Optima 1032	Ø 100	500	9,1	50%	30 - 50	6 - 10	72 - 78	3,9
	Ø 100	540	11	85%	35 - 48	7 - 10	72 - 78	4,3
	Ø 110	450	10	40%	40 - 65	6,2 - 10	72 - 84	3,8
	Ø 110	470	10	55%	40 - 65	6,2 - 10	72 - 84	3,9
	Ø 110	500	10	80%	40 - 65	6,2 - 10	72 - 84	4,2
	Ø 120	370	8,9	80%	30 - 90	6 - 10	72 - 90	3,4
	Ø 120	380	8,9	90%	30 - 90	6 - 10	72 - 90	3,4
	Ø 125	350	11,4	70%	30 - 92	6 - 10	72 - 90	3,1
	Ø 125	360	11,4	85%	30 - 92	6 - 10	72 - 90	3,2
	Optima 1037	Ø 100	550	11	40%	35 - 48	7 - 10	72 - 78
Ø 100		600	11	80%	35 - 48	7,5 - 10,5	72 - 78	4,7
Ø 110		450	12,3	80%	40 - 65	6,7 - 10	72 - 84	3,8
Ø 110		500	10	30%	40 - 65	6,2 - 10	72 - 84	4,2
Ø 110		530	11,4	60%	40 - 61	6,8 - 10,4	72 - 84	4,5
Ø 110		550	12,3	75%	40 - 61	6,9 - 10,6	72 - 84	4,6
Ø 110		570	12,3	90%	40 - 61	7 - 10,7	72 - 84	4,8
Ø 120		400	11,4	70%	40 - 90	5,4 - 10,3	72 - 96	3,7
Ø 120		420	11,5	90%	40 - 90	5,4 - 10,5	72 - 96	3,8
Ø 125		385	11,4	75%	40 - 92	5,2 - 9,7	72 - 96	3,5
Ø 125		400	11,4	80%	40 - 92	5,2 - 9,8	72 - 96	3,7
Ø 125		410	11,4	95%	40 - 92	5,3 - 9,9	72 - 96	3,8
Ø 135		370	10	75%	40 - 100	5 - 9	72 - 96	3,5
Ø 135	390	10	95%	40 - 100	5,1 - 9,1	72 - 96	3,6	



# single axle



Regulation valve set + stop valve



Hydraulic rotation of the turntable



Wheels 400 x 60 (option)



End-of-winding sensor and frame lock



Tool rack



Lifting Premium type



Hydraulic lifting 2000 series with separate drive Option

## Equipment

### Equipment (mandatory) :

- Electric stop systems :
  - - Shut-off valve or discharge electric valve.
  - Skid kit or wheel kit

### Optional equipment

- Trolley :
  - Automatic lifting trolley
  - Trolley lifting type PREMIUM (1027-1032
  - Hydraulic lifting trolley (1027-1032-1037)
  - Rear unwinding kit
  - Hydraulic anchorage kit for trolley
  - Hydraulic front jack ( 3 ways distributor )

- Trolley Optima anti crops washing options
  - Option adjustable way for trolley 1.40 m
  - Offset trolley OPTIMA
  - Offset high trolley (h:1,40m)
  - Trolley guide OPTIMA se 2011
- Trolley serie 2000 lifting type Premium & hydraulic
  - 3 positions trolley large beam
  - Gun centring kit for offset trolley
  - Trolley guide for serie 2000
- Other options
  - Extra cost 2 wheels set 11,5x80x15,3 14p 1045
  - Extra cost 2 wheels set 400x60x15,5
  - Extra cost galvanized frame from 1027 to 1055
  - Extra cost special crops track
  - Lifting kit for boom G (1027 1032 1037)
  - Extra cost hose 6m 4" 0
  - Elbow VD3" mâle

## Technical characteristics

Modèle	Hauteur (m)	Largeur (m)	Long sans traîneau (m)	Long avec traîneau (m)	Hauteur sous châssis (m)	Pneus	Poids vide d'eau	Poids en eau
1027	3,74	2,43	5,67	8,00	0,33	11,5 x 80 x 15,3	3850	6300
1032	3,78	2,43	5,67	8,00	0,33	11,5 x 80 x 15,3	4500	7200
1037	3,86	2,53	5,70	7,50	0,36	11,5 x 80 x 15,3	5070	8300

# OPTIMA 1027 - 1032 - 1037



## 1027

Ø 90 - 500 m    Ø 100 - 470 m  
 Ø 100 - 400 m    Ø 110 - 370 m  
 Ø 100 - 450 m    Ø 110 - 400 m  
                          Ø 110 - 420 m

## 1032

Ø 100 - 500 m    Ø 120 - 370 m  
 Ø 100 - 540 m    Ø 120 - 380 m  
 Ø 110 - 450 m    Ø 125 - 350 m  
 Ø 110 - 470 m    Ø 125 - 360 m  
 Ø 110 - 500 m

## 1037

Ø 100 - 550 m    Ø 120 - 420 m  
 Ø 100 - 600 m    Ø 125 - 385 m  
 Ø 110 - 450 m    Ø 125 - 400 m  
 Ø 110 - 500 m    Ø 125 - 410 m  
 Ø 110 - 530 m    Ø 135 - 370 m  
 Ø 110 - 550 m    Ø 135 - 900 m  
 Ø 110 - 570 m  
 Ø 120 - 400 m

## Standard equipment

- Motorization **turbine Irricontrol** or **turbine Irridoseur**
- Connection hose Ø 4" length 4 m with HR male 4" coupler and FLD male 4" coupler.
- Manual front jack (mechanical or hydraulic in option) (hydraulic front jack on boggie)
- Trolley lifting with serie 2000 trolley.
- Hydraulic turntable.
- Hydraulic stabilizers.
- Tool rack
- Double supply pipe.
- PTO shaft.
- Galvanized and articulated trolley equipped with 4 cast iron weights;
- Part circle gun KOMET Twin ø101 nozzles ø16, 18, 20 et 22 for 90
- Part circle gun KOMET Twin 140 nozzles ø 22, 24, 26 et 28 for 100, 110
- Part circle gun KOMET Twin 160 nozzles 24, 26, 27,5 et 30 for 120 & 125

## Hydraulic performances

Modèle	Ø PE	PE Long.(m)	PE Ep.(mm)	RDC*	Débit (m³/h)	Pression entrée (Bars)	Largeur bande arrosée en m	Surface moyenne en ha
Optima 1027	Ø 90	500	8,2	50%	25 - 40	6 - 10	66 - 72	3,6
	Ø 100	400	7,4	90%	30 - 60	6 - 10	72 - 84	3,4
	Ø 100	450	9,1	40%	30 - 55	6 - 10	66 - 78	3,5
	Ø 100	470	9,1	100%	30 - 55	6 - 10	66 - 78	3,6
	Ø 110	370	8,2	40%	30 - 75	6 - 10	72 - 90	3,3
	Ø 110	400	8,2	70%	30 - 80	6 - 10	72 - 90	3,6
	Ø 110	420	10	90%	30 - 65	6 - 10	72 - 84	3,9
	Optima 1032	Ø 100	500	9,1	50%	30 - 50	6 - 10	72 - 78
Ø 100		540	11	85%	35 - 48	7 - 10	72 - 78	4,3
Ø 110		450	10	40%	40 - 65	6,2 - 10	72 - 84	3,8
Ø 110		470	10	55%	40 - 65	6,2 - 10	72 - 84	3,9
Ø 110		500	10	80%	40 - 65	6,2 - 10	72 - 84	4,2
Ø 120		370	8,9	80%	30 - 90	6 - 10	72 - 90	3,4
Ø 120		380	8,9	90%	30 - 90	6 - 10	72 - 90	3,4
Ø 125		350	11,4	70%	30 - 92	6 - 10	72 - 90	3,1
Ø 125		360	11,4	85%	30 - 92	6 - 10	72 - 90	3,2
Optima 1037		Ø 100	550	11	40%	35 - 48	7 - 10	72 - 78
	Ø 100	600	11	80%	35 - 48	7,5 - 10,5	72 - 78	4,7
	Ø 110	450	12,3	80%	40 - 65	6,7 - 10	72 - 84	3,8
	Ø 110	500	10	30%	40 - 65	6,2 - 10	72 - 84	4,2
	Ø 110	530	11,4	60%	40 - 61	6,8 - 10,4	72 - 84	4,5
	Ø 110	550	12,3	75%	40 - 61	6,9 - 10,6	72 - 84	4,6
	Ø 110	570	12,3	90%	40 - 61	7 - 10,7	72 - 84	4,8
	Ø 120	400	11,4	70%	40 - 90	5,4 - 10,3	72 - 96	3,7
	Ø 120	420	11,5	90%	40 - 90	5,4 - 10,5	72 - 96	3,8
	Ø 125	385	11,4	75%	40 - 92	5,2 - 9,7	72 - 96	3,5
	Ø 125	400	11,4	80%	40 - 92	5,2 - 9,8	72 - 96	3,7
	Ø 125	410	11,4	95%	40 - 92	5,3 - 9,9	72 - 96	3,8
	Ø 135	370	10	75%	40 - 100	5 - 9	72 - 96	3,5
	Ø 135	390	10	95%	40 - 100	5,1 - 9,1	72 - 96	3,6

# boggie



Regulation valve set +VA



Adjustable tandem axle bogie



Chain



Retractable front jack



Hydraulic stabilisers



Rotation of the turntable



Tool rack Option



Lifting of the trolley connected to the lifting of the stabilizers (Premium type)

## Equipment

### Equipment (mandatory) :

- Electric stop systems :
  - Shut-off valve or discharge electric valve.
  - Skid kit or wheel kit

### Optional equipment

- Trolley :
  - Automatic lifting trolley
  - Trolley lifting type PREMIUM (1027-1032
  - Hydraulic lifting trolley (1027-1032-1037))
  - Rear unwinding kit
  - Hydraulic anchorage kit for trolley
  - Hydraulic front jack ( 3 ways distributor )

- Trolley Optima anti crops washing options
  - Option adjustable way for trolley 1.40 m
  - Offset trolley OPTIMA
  - Offset high trolley (h:1,40m)
  - Trolley guide OPTIMA se 2011
- Trolley serie 2000 lifting type Premium & hydraulic
  - 3 positions trolley large beam
  - Gun centring kit for offset trolley
  - Trolley guide for serie 2000
- Other options
  - Extra cost 2 wheels set 11,5x80x15,3 14p 1045
  - Extra cost 2 wheels set 11,5x0.8x15,3 10p
  - Extra cost 2 wheels set 400x60x15,5
  - Extra cost galvanized frame from 1027 to 1055
  - Lifting kit for boom G (1027 1032 1037)
  - Extra cost hose 6m 4" 0
  - Elbow VD3" mâle

## Technical characteristics

Modèle	Hauteur (m)	Largeur (m)	Long sans traîneau (m)	Long avec traîneau (m)	Hauteur sous châssis (m)	Pneus	Poids vide d'eau	Poids en eau
1027	4,02	2,43	5,67	8,00	0,53	10 x 75 x 15,3	5350	6800
1032	4,09	2,43	5,67	8,00	0,53	10 x 75 x 15,3	5000	7700
1037	4,10	2,53	5,70	7,50	0,56	10 x 75 x 15,3	5570	8800

# OPTIMA 1045-1055



## 1045

- Ø 110 - 560 m
- Ø 120 - 460 m
- Ø 120 - 520 m
- Ø 125 - 440 m
- Ø 125 - 500 m

## 1055

- Ø 110 - 650 m
- Ø 120 - 620 m
- Ø 125 - 600 m

### Standard equipment

- Motorizations High Output Cast Aluminium Turbine, Irricontrol Turbine or Irridoseur Turbine
- Connection hose Ø 4" length 4 m with HR male 4" coupler and FLD male 4" coupler.
- Galvanized and articulated trolley serie 2000 with 4 cast iron weights and equipped with a 3rd front wheel.
- Automatic hooking of the trolley.
- Hydraulic lifting trolley.
- Hydraulic control turntable.
- Hydraulic stabilizers.
- Double supply pipe.
- Special hydraulic front jack
- Part circle gun KOMET Twin 140 with nozzles Ø 22, 24, 26 and 28 for Ø 100, 110
- Part circle gun KOMET Twin 160 with nozzles Ø 24, 26, 27.5 and 30 for Ø 120 et 125

### Hydraulic performances

Model	Ø PE	PE Length(m)	PE Thickness (mm)	RLL*	Flow Rate (m³/h)	Inflow Pressure (Bars)	Irrigated strip width (m)	Average Area (ha)
Optima 1045	Ø 110	560	12,3	100%	40 - 58	7 - 10	72 - 84	4,6
	Ø 120	460	11,5	30%	40 - 80	7 - 10	72 - 90	4,1
	Ø 120	520	11,5	90%	40 - 80	7 - 10	72 - 90	4,4
	Ø 125	440	11,4	30%	40 - 90	7 - 10	72 - 90	4,4
	Ø 125	500	11,5	90%	40 - 90	7 - 10	72 - 90	4
1055	Ø 110	650	12,3	70%	40 - 75	8 - 11	72 - 90	5,0
	Ø 120	620	13,2	80%	40 - 70	7 - 11	72 - 90	5,3
	Ø 125	600	14,0	80%	40 - 80	6,5 - 11	72 - 90	5,3



The optimal solution

\*RLL : recovery last layer

# Boggie



Motorization  
(cast aluminium turbine)



Chain and pinion drive



Retractable  
front jack



Basket



Side hydraulic drive  
(stabilizer + frame control)  
Rear unwinding device option



Hydraulic stabilizers



Articulated tandem  
axle (adjustable  
track)



Articulated trolley series 2000 &  
hydraulic lifting frame

## Equipment

### Equipment (mandatory) :

- Electric valve option for 1055 VA or VD.

### Optional equipment :

- Trolley serie 2000 lifting type Premium & hydraulic
- 3 positions trolley large beam
- Gun centring kit for offset trolley
- Trolley guide for serie 2000
- Equipments for rear unwinding :
- Rear unwinding kit
- Hydraulic anchorage kit for trolley

- Other options

- Extra cost 2 wheels set 11,5x80x15,3 14p 1045
- Extra cost 2 wheels set 11,5x0.8x15,3 10p
- Extra cost 2 wheels set 400x60x15,5
- Extra cost galvanized frame from 1026 t0 1055
- Extra cost hose 6m 4" 0
- Elbow VD3" mâle
- Compressor

### Technical characteristics

Model	Height (m)	Width (m)	Length ex trolley (m)	Length in trolley (m)	Height under frame	Tyres	Weight ex water	Weight inc water
1045 Boggie	4,24	2,66	7,00	7,10	0,52	11,5 x 0,8 x 15,3	6200	9800
1055 Boggie	4,37	2,66	7,00	7,10	0,52	11,5 x 0,8 x 15,3	6700	10800

# 1040 VPS - 1040 VPS bis



## Standard equipment

### 1040

- Ø 100 - 500 m
- Ø 100 - 550 m
- Ø 110 - 400 m
- Ø 120 - 360 m
- Ø 125 - 350 m

### 1040 BIS

- Ø 100 - 450 m
- Ø 110 - 530 m
- Ø 120 - 410 m
- Ø 125 - 400 m

- Driving systems : Cast iron turbine Pelton type.
- Turbine drive Irricontrol and Irridoseur motorized with electric butterfly valve
- Automatic shut off valve serial fitting
- Galvanized and articulated trolley with 4 cast iron weights and equipped with 2 wheels.
- Automatic trolley hooking at the end of the position
- Sit down system during irrigation • Base stabilizer (all VPS machines)
- Trolley lifting device connected with hydraulic lifting stabilizers type premium
- Wheel lifting system separate left and right
- Hydraulic turntable
- Hydraulic stabilizers • Hydraulic front jack
- **Double supply pipe** ø 114 ou ø 133 • Pto shaft winding
- Connection hose Ø 100 length 4 m with HR male 4" coupler and Fld male 4" coupler.  
or ø 113 length 4 m with HR male 5" coupler and Fld male 5" coupler
- Part circle gun SIME REFLEX with nozzles Ø 26, 28, 30 and 32

## Hydraulic performances

Model	Ø PE	PE Length(m)	PE Thickness (mm)	RLL*	Flow Rate (m³/h)	Inflow Pressure (Bars)	Irrigated strip width (m)	Average Area (ha)
VPS 1040	Ø 100	500	9,1	40%	30 - 50	6 - 10	66 - 78	4,2
	Ø 100	550	11	80%	35 - 48	7 - 10	66 - 78	4,4
	Ø 110	400	8,2	70%	30 - 80	6 - 10	72 - 90	3,7
	Ø 120	360	8,9	50%	30 - 90	6 - 10	72 - 90	3,5
	Ø 125	350	11,4	50%	30 - 92	6 - 10	72 - 90	3,4
VPS 1040 BIS	Ø 100	450	9,1	50%	30 - 55	6 - 10	66 - 78	3,5
	Ø 110	530	12,3	50%	35 - 61	5,5 - 10	72 - 84	4,6
	Ø 120	410	8,9	60%	40 - 90	5,5 - 10	72 - 84	3,7
	Ø 125	400	11,4	70%	40 - 92	5,5 - 10	72 - 96	3,8



The optimal solution

\*RLL : recovery last layer

# Sit down machine

Power supply Ø 114 et Ø 133



Side hydraulic distributor  
(stabilizer + frame + lifting frame  
and rotating frame control)



Battery and solar

Hydraulic stabilizers



Electric valve motorisation



Rack and chain drive reel



Tool rack



Premium lifting frame

## Equipment

### Equipment (mandatory) :

- Valve option VPS1040 VD TTI&TIC.
- 1040&1040 bis VPS valve VD&VA electric

### Optional equipment :

- Trolley VPS :
- Offset trolley
- Trolley guide VPS

### • Other Options :

- Kit compressor
- Autonomous hydraulic system 7cv\* (photo 1)
- Cover for the autonomous hydraulic system (photo 2)
- Connection hose for discharge valve 6m hr 3" VD
- Elbow vd 3" mâle
- Gun KOMET TWIN 160 + nozzles
- Gun SR 150 21°



## Technical characteristics

Model	Height (m)	H Sit down (m)	Width	Length ex trolley (m)	Length in trolley (m)	Height under frame	Height Gooseneck	Tyres	Weight ex water	Weight inc water
1040 VPS	3,55	3,20	3,00	5,60	6,56	0,35	0,34	385 x 65 x 22.5	4500	7200
1040 VPS BIS	3,78	3,43	3,00	5,60	6,56	0,35	0,34	385 x 65 x 22.5	4800	8000

# 1050 VPS - 1055 VPS



## Standard equipment

### 1050 VPS

- Ø 110 - 560 m
- Ø 110 - 600 m
- Ø 120 - 520 m
- Ø 125 - 500 m

### 1055 VPS

- Ø 110 - 650 m
- Ø 120 - 620 m
- Ø 125 - 600 m

- Driving systems : Cast iron turbine Pelton type.  
Turbine drive Irricontrol and Irridoseur motorized with electric butterfly valve
- Automatic shut off valve serial fitting
- Galvanized and articulated trolley with 4 cast iron weights and equipped with 2 wheels.
- Automatic trolley hooking at the end of the position
- Sit down system during irrigation
  - Base stabilizer (all VPS machines)
- Trolley lifting device connected with hydraulic lifting stabilizers type premium
- Wheel lifting system separate left and right
- Hydraulic turntable
- Hydraulic stabilizers
  - Hydraulic front jack
- **Double supply pipe** ø 114 ou ø 133
  - Pto shaft winding
- Connection hose Ø 100 length 4 m with HR male 4" coupler and Fld male 4" coupler  
or ø 113 length 4 m with HR male 5" coupler and Fld male 5" coupler
- Part circle gun SIME REFLEX with nozzles Ø 26, 28, 30 and 32

## Hydraulic performances

Model	Ø PE	PE Length(m)	PE Thickness (mm)	RLL*	Flow Rate (m³/h)	Inflow Pressure (Bars)	Irrigated strip width (m)	Average Area (ha)
1050	Ø 110	560	12,3	100%	40 - 60	7 - 10	72 - 84	4,6
	Ø 110	600	12,3	21%	40 - 60	7 - 10	72 - 84	4,7
	Ø 120	520	11,5	90%	40 - 80	7 - 10	72 - 90	4,4
	Ø 125	500	11,4	90%	40 - 90	7 - 10	72 - 90	4,4
1055	Ø 110	650	12,3	70%	40 - 52	8 - 11	72 - 84	5,2
	Ø 120	620	13,2	80%	40 - 70	7 - 11	72 - 90	5,3
	Ø 125	600	14,0	90%	40 - 80	6,5 - 11	72 - 90	5,3



The optimal solution

\*RLL : recovery last layer

# Sit down machine

Power supply Ø 114 et Ø 133



Side hydraulic distributor (stabilizer + frame + lifting frame and rotating frame control)



Retractable front jack

Hydraulic stabilizers



Electric valve motorisation



Rack and chain drive reel



Gooseneck - in option autonomous hydraulic



Premium lifting frame

## Equipment

### Equipment (mandatory) :

- Valve option VPS1050 VD TTI&TIC.
- Valve option VPS1055 VD TTI&TIC
- 1050&1050 bis VPS valve VD&VA electric
- 1055&1055 bis VPS valve VD&VA electric

### Optional equipment :

- Trolley VPS :
- Ski kit front trolley VPS
- Offset trolley
- Trolley guide VPS

### • Other Options :

- Kit compressor
- Autonomous hydraulic system 7cv\* (photo 1)
- Cover for the autonomous hydraulic system (photo 2)
- Connection hose for discharge valve 6m hr 3" VD
- Elbow vd 3" mâle
- Gun KOMET TWIN 160 + nozzles
- Gun SR 150 21°



## Technical characteristics

Model	Height (m)	H Sit down (m)	Width	Length ex trolley (m)	Length in trolley (m)	Height under frame	Height Gooseneck	Tyres	Weight ex water	Weight inc water
1050 VPS	3,70	3,45	3,06	5,10	6,28	0,35	0,34	385 x 65 x 22.5	6500	9800
1055 VPS	3,88	3,63		5,60	6,78					



# Serie 2000



## 2061

Ø 135 - 550 m

Ø 135 - 600 m

## 2076

Ø 125 - 600 m

Ø 125 - 670 m

Ø 125 - 730 m

Ø 125 - 750 m

### Standard equipment

- **Serie 2061 Narrow track** : Two high axles 180. Adjustable track from 1900 to 2300.
- **Serie 2061 Wide track** : Two simple axles . Adjustable track from 2250 to 2700.
- **Serie 2076 Narrow track** : Two high axles 180. Adjustable track from 1900 to 2300
- **Serie 2076 Wide track** : Two simple axles . Adjustable track from 2250 to 2700.

- **High Output Cast Aluminium Turbine, Irridoseur Turbine**
- Connection hose Ø 100 length 8m and FLD male 5" coupler
- Hydraulic stabilizers and lifting trolley.
- Hydraulic front jack
- Hydraulic lateral distributor
- Double supply pipe
- Galvanized and articulated trolley with 4 cast iron weights and front
- 3 positions trolley beam
- Rear unwinding system
- Auto shut off valve in standard.
- Hydraulic anchorage of the trolley
- Part circle gun KOMET TWIN 160 + nozzles 24,26,27.5 et 30

### Hydraulic performances

Model	Ø PE	PE Length(m)	PE Thickness (mm)	RLL*	Flow Rate (m <sup>3</sup> /h)	Inflow Pressure (Bars)	Irrigated strip width (m)	Average Area (ha)
2061	Ø 135	550	14,5	20%	40 - 90	7,5 - 10,0	72 - 90	4,8
	Ø 135	600	14,5	70%	40 - 90	7,5 - 10,5	72 - 90	5,3
2076	Ø 125	600	14,0	70%	40 - 76	7 - 11	72 - 90	5,4
	Ø 125	670	14,0	30%	40 - 72	7 - 11	72 - 90	5,5
	Ø 125	730	14,0	80%	40 - 70	7,5 - 11,5	72 - 84	6,0
	Ø 125	750	14,0	100%	40 - 70	7,5 - 11,5	72 - 84	6,2



The optimal solution

\*RLL : recovery last layer

# 2061 - 2076 fixed frame



Twin drum drive chains



Hydraulic trolley lifting frame



Dual stabilisers  
Rear unwinding device

## Equipment

### Equipment (mandatory) :

- Electric Stop Systems
- Electric valve option for 2076 VA or VD
- Equipment trolley
- Gun centring kit for offset trolley
- Trolley guide for serie 2000

### Optional equipment :

- Compressor
- Elbow VD 3" mâle

- Tyres options (4 wheels kits)
- 550 x 60 x 22,5 - high axle height 180 mini way 2500 hauteur 500mm
- 315 x 80 x 22.5 - high axle height 180 mini way 2350 hauteur 630mm
- 315 x 80 x 22.5 - high axle height 180 mini track 1800 hauteur 630mm

## Technical characteristics

Model	Height (m)	Width (m)	Length ex trolley (m)	Length in trolley (m)	Height under frame	Tyres	Weight ex water	Weight inc water
2061- 2076- CF	4,45	2,56	9,10	10,00	0,64	385x65x22,5	8400	13 800

# SUPER 1 , SUPER 2, SUPER 2 BIS



## SUPER 1

Ø 63 - 340 m  
 Ø 70 - 310 m  
 Ø 75 - 310 m  
 Ø 75 - 380 m  
 Ø 82 - 290 m  
 Ø 90 - 265 m

## SUPER 2

Ø 82 - 360 m  
 Ø 90 - 300 m  
 Ø 100 - 280 m

## SUPER 2 BIS

Ø 90 - 400 m  
 Ø 90 - 450 m  
 Ø 100 - 360 m  
 Ø 100 - 400 m  
 Ø 110 - 380 m



The optimal solution

## Equipement standard

- Connection hose Ø - length
- Coupler connection
- Part circle gun
- Nozzles
- Trolley/cast iron weight
- 3<sup>rd</sup> front wheel
- Automatic hooking of trolley
- Mechanical swivelling turntable
- Mechanical lifting of stabilizer legs
- Hydraulic lifting of stabilizer legs
- Double supply pipe
- Jib lifting arm and winch
- Wheels

Super 1	Super 2	Super 2 bis
Ø 84 - 6 m	Ø 90 - 6 m	Ø 90 - 6 m
HR M - FLD M 3"	HR M 4"- FLD M 4"	HR M 4"- FLD M 4"
Komet Twin 101	SR 100 on ø 82	SR 150
buses 16,18,20,22	SR 150 on ø 90	•
Twin 140 on ø 90	and ø 100	•
Yes/2 weights	Yes/4 weights	Yes/4 weights
•	•	YES
YES	YES	YES
YES	YES	YES
YES	YES	YES
•	•	YES
•	•	YES
•	OUI	YES
10 x 80 x 12	10 x 80 x 12	10 x 0,75 x 15,3
voie 2000	voie 2000	voie 2000

## Hydraulic performances

Model	Ø PE	PE Length(m)	PE Thickness (mm)	RLL*	Flow Rate (m <sup>3</sup> /h)	Inflow Pressure (Bars)	Irrigated strip width (m)	Average Area (ha)
Super 1	Ø 63	340	4,7	80%	10,4 - 25	5,0 - 9,6	42 - 60	2,0
	Ø 70	310	5	90%	10,4 - 37	4,4 - 9,8	42 - 66	2,0
	Ø 75	310	5,5	90%	16 - 40	4,6 - 10	48 - 66	2,0
	Ø 75	380	5,5	80%	10,4 - 35	4,4 - 9,8	42 - 66	2,5
	Ø 82	290	6	80%	18,4 - 50	4,6 - 9,6	54 - 78	2,1
	Ø 90	265	6,7	100%	18,4 - 73	4,2 - 9,8	54 - 84	2,2
Super 2	Ø 82	360	6	30%	18,4 - 47	4,7 - 10	54 - 72	2,4
	Ø 90	300	6,7	100%	18,4 - 61	4,3 - 10	54 - 84	2,4
	Ø 100	280	7,4	100%	19,7 - 81	4,6 - 10	54 - 90	2,4
Super 2 Bis	Ø 90	400	6,7	40%	18,4 - 60	4,5 - 10	54 - 78	3,0
	Ø 90	450	8,2	90%	18,4 - 52	4,7 - 10	54 - 72	3,2
	Ø 100	360	7,4	40%	18,4 - 77	4,2 - 10	54 - 84	3,1
	Ø 100	400	7,4	80%	18,4 - 74	4,2 - 10	54 - 84	3,4
	Ø 110	380	8,2	90%	20 - 80	4,6 - 10	54 - 90	3,2

\*RLL : recovery last layer

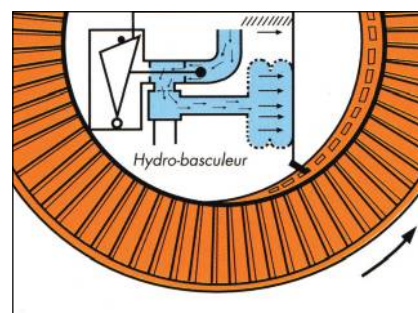
# BELLOW DRIVE MACHINE



Speed regulation



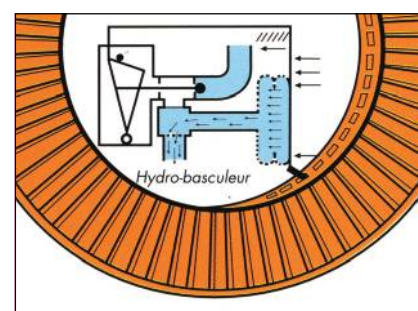
Bellow drive engine



First time : water push the bellow



Super 1 Bellow Drive Irridoseur



Second time : the spring empties the bellow



## Equipment

### Mandatory equipment to choose :

- Automatic valve kit (S 1, S 2, S 2 Bis)
- Water supply elbow connect. Kit (S 1, S 2, S 2 Bis)
- Discharge valve Kit (S 1, S 2, S 2 Bis)
- Connection hose for VD 6m HR 3" (S 1, S 2, S 2 Bis)
- Double supply pipe (S 2)

### Mandatory trolley equipment to choose :

- Front skid kit (S1, S 2)
- Front wheel kit (S1, S 2)

### Optional equipment :

- PTO shaft (S 1, S 2)
- Mechanical turntable rotating Kit (S 1, S 2)
- Stabilizer legs and hydraulic lifting kit (S 2)
- Extra cost for hydraulic turntable and front jack (S 2 bis)
- Hydraulic brake kit (S 2 bis)
- 3 positions trolley beam (S 2 bis)
- Trolley guide kit (S 2 bis)
- 4 cast iron weights (S 2, S 2 bis)
- Wheels 10 x 0,75 x 15 14 plys voie 2000 (S 2 Bis)

## Technical characteristics

Model	Height (m)	Width (m)	Length ex trolley (m)	Length in trolley (m)	Height under frame	Tyres	Weight ex water	Weight inc water
Super 1	2,64	2,25	3,70	5,70	0,28	10 x 80 x12	1400	2600
Super 2	3,00	2,50	4,50	6,50	0,28	10 x 80 x12	1900	3500
Super 2 Bis	3,20	2,50	4,50	6,50	0,32	10 x 0,75 x15,3	2900	5400