



*American Maplan dual spider heads are designed for higher production rates and improved pipe properties.*

## **Characteristics**

American Maplan RD dual spider extrusion heads are the leaders in pipe head technology. The dual spider design makes it possible to achieve the highest level of technology in PVC pipe extrusion. These spider pipe heads can produce pipe diameters ranging from 16-1300mm, in all classes from only five heads.

## **Accessories**

American Maplan also provides optional equipment to support maximum performance from these state-of-the-art extrusion heads including: Carts for pipe head support; Thermal die centering; Quick die change system.

## **Advantages:**

- High extrusion throughput rates
- Improved physical properties of finished pipe
- Excellent wall thickness control minimizes overweight
- Improved ID appearance
- Wider range of pipe sizes from each head
- One RD pipe head covers the same pipe diameter range as three RK heads
- Head design produces less back pressure for greater control of the extrusion process
- Significant reduction in spider lines which enhances product physical performance

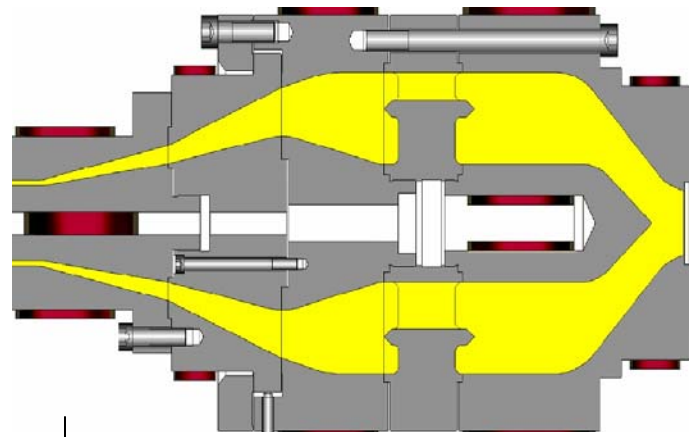
## RD Dual Spider PVC Pipe Extrusion Heads

### Standard Features:

- Higher extrusion rates
- Improved Physical pipe properties
- Excellent wall thickness control
- Improved ID appearance
- Wider range of pipe sizes from each RD head

### Optional Accessories:

- Carts for pipe head support
- Thermal die centering
- Quick die change system



Superior design produces less back pressure giving greater extrusion control.

### Technical data

Heads	RD .5-4	RD 1-7	RD 2-10	RD 6-18	RD 12-27	RD 15-36	RD 24-48
Pipe Sizes (mm)	16-110	35-175	63-280	160-450	315-710	355-1000	630-1300
Weight (w/o Die Set, kg)	270	525	600	1770	4000	8400	11000
Head Volume (w/o Die Set, cm <sup>3</sup> )	4940	19000	22340	50620	100000	137590	278630
Minimum Nozzle Area Range (cm <sup>2</sup> )	0.97	2	3.5	17.5	78	120	320
Maximum Nozzle Area Range (cm <sup>2</sup> )	18	65	70	300	650	900	1990
Minimum Pipe Diameter (mm)	16	35	50	160	315	390	750
Maximum Pipe Diameter (mm)	115	175	280	475	710	1000	1300
Maximum Heating Zones (Head)	3	5	5	9	13	13	17
Maximum Heating Zones (Die Set)	2	3	3	5	16	16	20
Maximum Output Rate (kg/hr)	725	800	1000	1800	2275	2275	2275

In the interest of continuing development, we reserve the right to amend any specification without notice.



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