



NEW GENERATION OF
AUTOMATED RATION DISTRIBUTOR





VERY HIGH FLEXIBILITY AND PERFORMANCE

QUICK AND SILENT

Suspended from an electrical overhead track, the DAF moves along the mangers to distribute (programmable per group / recipe) forage quickly and silently.



SIMPLE

Sturdy fabrication, with few moving parts and a very efficient cycloidal transmission, the inside of the DAF is fully covered with ultra-abrasion resistant polymer.



VERSATILE

Whether total mixed ration (TMR) or chopped hay, the DAF will eagerly distribute the feed, on either side. With an adjustable height box, the DAF adapts to any kind of use (for low ceilings).



ECOLOGICAL

Without any gas emissions, quiet, the Valmetal DAF is driven by regular AC motor



Optional weight system. Except the two loadcells, all components are integrated into the control panel

Able to perform some inclinations(of the trail), the DAF is also available with a dual drive

Grease bank

Programmable oscillation for optimal loading

Also available with:

Bumpers with programmable emergency stop at each end

Obstacle detection by ultrasonic probe

Warning light or telephone reporting problem (in case of alarm)

Detection of conveyor rotation of the DAF

Photoelectric sensor load option (ex: greater accuracy when it is used with autoration, smart panel unloader ...)

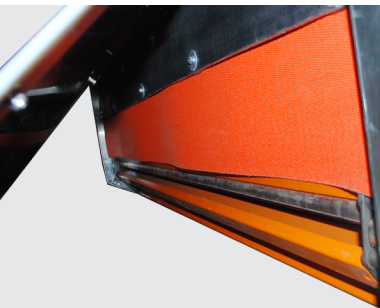


COLOR TOUCH SCREEN (STANDARD)



LOAD CELL

The components of the weighing system are incorporated into the control panel. Order management (including weight) is done through the touch screen control.



RESTRICTOR (OUTSIDE VIEW)

A flexible restrictor is installed at the discharge door to avoid any form of leaking when loading.



RESTRICTOR (INSIDE VIEW)

A flexible restrictor is now installed at the discharge door to avoid any form of leaking when loading.



REINFORCED BUMPERS

Bumpers on both sides of the DAF are now attached with 4 bolts for a longer durability.

THE DAF:

Able to manage up to 99 groups

Moving and unloading programmable speed (per group)
per recipes

Left or right programmable unloading option

4 programmable load positions

0 to 70 feet/min (21 meter/min) speed

16 programmable start times

25 sequences of 24 steps with full control of the order
of actions

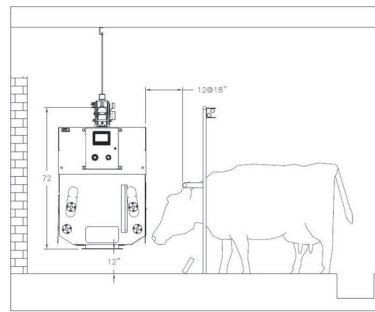
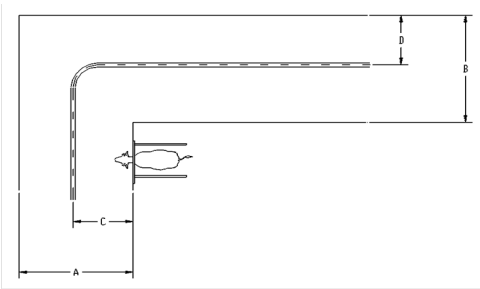
10 passes / group (max.)

5 programmable park positions

20 programmable actions for the entire system (ex: slow
motion in curves , pause action, opening door action, ...)

New generation touchscreen for more accessibility

Features



DAF is an alternative to the conveyor feeder.
more and more dairy farmers acknowledge
the effectiveness of the daf feeder:

- to supply the TMR managed by Valmetal's Automation
- to distribute silage directly from silos
- because, contrary to other alternatives (such as motorized carts), food never comes into contact with any wheel, which ensures its freshness and quality.

DAF		36" (92 cm) Radius								48" (122 cm) Radius							
		12" (31 cm) Space				18" (46 cm) Space				12" (31 cm) Space				18" (46 cm) Space			
Largeur	Longueur	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D
32" (81 cm)	60" (153 cm)	48" (122 cm)	58" (147 cm)	28" (71 cm)	18,5" (46 cm)	54" (137 cm)	52" (132 cm)	34" (86 cm)	18,5" (46 cm)	48" (122 cm)	60" (153 cm)	28" (71 cm)	18,5" (46 cm)	54" (137 cm)	54" (137 cm)	34" (86 cm)	18,5" (46 cm)
37" (94 cm)	60" (153 cm)	53" (135 cm)	59" (150 cm)	30,5" (76 cm)	21" (54 cm)	59" (150 cm)	55" (140 cm)	36,5" (91 cm)	21" (54 cm)	53" (135 cm)	61" (155 cm)	30,5" (76 cm)	21" (54 cm)	59" (150 cm)	57" (145 cm)	36,5" (91 cm)	21" (54 cm)
42" (107 cm)	60" (153 cm)	58" (147 cm)	65" (165 cm)	33" (84 cm)	23,5" (58 cm)	64" (163 cm)	58" (147 cm)	39" (99 cm)	23,5" (58 cm)	58" (147 cm)	67" (170 cm)	33" (84 cm)	23,5" (58 cm)	64" (163 cm)	60" (153 cm)	39" (99 cm)	23,5" (58 cm)
47" (119 cm)	60" (153 cm)	63" (160 cm)	71" (180 cm)	35,5" (90 cm)	26" (66 cm)	69" (175 cm)	64" (163 cm)	41,5" (104 cm)	26" (66 cm)	63" (160 cm)	73" (185 cm)	35,5" (90 cm)	26" (66 cm)	69" (175 cm)	66" (168 cm)	41,5" (104 cm)	26" (66 cm)
32" (81 cm)	72" (183 cm)	48" (122 cm)	70" (178 cm)	28" (71 cm)	18,5" (46 cm)	54" (137 cm)	64" (163 cm)	34" (86 cm)	18,5" (46 cm)	48" (122 cm)	72" (183 cm)	28" (71 cm)	18,5" (46 cm)	54" (137 cm)	66" (168 cm)	34" (86 cm)	18,5" (46 cm)
37" (94 cm)	72" (183 cm)	53" (135 cm)	74" (188 cm)	30,5" (76 cm)	21" (54 cm)	59" (150 cm)	67" (170 cm)	36,5" (91 cm)	21" (54 cm)	53" (135 cm)	76" (193 cm)	30,5" (76 cm)	21" (54 cm)	59" (150 cm)	69" (175 cm)	36,5" (91 cm)	21" (54 cm)
42" (107 cm)	72" (183 cm)	58" (147 cm)	76" (193 cm)	33" (84 cm)	23,5" (59 cm)	64" (163 cm)	70" (178 cm)	39" (99 cm)	23,5" (58 cm)	58" (147 cm)	78" (198 cm)	33" (84 cm)	23,5" (59 cm)	64" (163 cm)	72" (183 cm)	39" (99 cm)	23,5" (59 cm)
47" (119 cm)	72" (183 cm)	63" (160 cm)	79" (201 cm)	35,5" (89 cm)	26" (66 cm)	69" (175 cm)	73" (186 cm)	41,5" (104 cm)	26" (66 cm)	63" (160 cm)	81" (206 cm)	35,5" (89 cm)	26" (66 cm)	69" (175 cm)	75" (190 cm)	41,5" (104 cm)	26" (66 cm)

Specifications, descriptions and illustrative material in this literature are as accurate as known at the time of publication, but are subject to change without prior notice. Illustrations may include optional equipment and accessories, and may not include all standard equipment.

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