



QUIVOGNE



Ø810



4 to 7,5 m



APVRS FF

**HYDRAULICALLY
FOLDABLE**

HEAVY DISC HARROW / V-SHAPE / FLEAUX-FLEAUX

PRODUCT FEATURES

- Working width 4 – 7,5 m
- For tractors 270 – 525 HP
- Working depth adjustment (up to 25 cm) via hydro-clips on the chassis lifting cylinders
- Main frame profile 200 x 100 mm:
2-beam (up to 44 discs)
3-beam (from 48 discs)
- Disc gang 200 x 100 mm
- 3-beam outer frame 150 x 100 mm
- Fleaux-Fleaux flail discs
- Sectional cutting angle adjustment
- Transport width 3,3 m
- Transport height 3,88 m (for 52 discs)

STANDARD FEATURES

- Mechanically adjustable drawbar with swivel joint ring Ø 50 mm and spring shock absorber
- Square disc shaft 50 x 50 mm
- Fleaux-Fleaux flail discs Ø 810 x 10 mm, with special scrapers, disc spacing 280 mm
- Triple sealed steel taper roller bearings with grease nipple (32 kg)
- 2 folding cylinders with hydr. locking block
- Additional reinforcement braces on the disc sections left and right (for models from 52 discs)
- Chassis: 4 wheels with tyres 295/60x22,5, 80 mm wheel axle with 6 bolts, nitrogen damping of the chassis
- Hydraulic transport lock
- Blocking of the disc rows
- 2 stands

OPTIONS

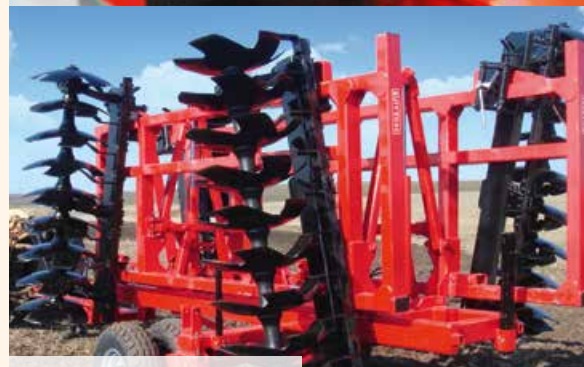
- Bearing protection
- Hydraulic drawbar adjustment
- Hydraulic offset drawbar
- Hydraulic frame balancing adjustment
- Side deflector
- Border disc (Outrigger) Ø 610 mm
- Rear hitch
- Hydraulic hoses
- Pneumatic brake
- Warning plates and lighting
- Scharmüller K80 ball coupling
- Heavy drawbar

FIELD OF APPLICATION / ADVANTAGES

- **Half-turning tillage = REPLACEMENT FOR PLOUGH**
- Specially designed for the tillage of new land and fallow. Crushing and mixing in larger quantities of crop residues.
- No complete turning of the soil: the moisture remains in the soil.
- Good and deep mixing tillage through V-shaped arrangement of the disc sections.
- Soil loosening up to 25 cm working depth.
- Optimum working speed: 12 km/h














Blocking of the disc rows







APVRS FF transport position

APVRS FF: with Fleaux-Fleaux flail discs Ø 810 x 10 mm, disc spacing 280 mm

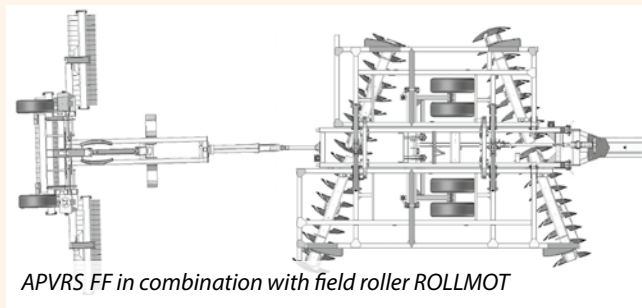
| Model | Article Code | Working width (cm) | Discs (pcs.) | Ground pressure per disc (kg) | Bearings (pcs.) | Required power (HP) | Weight (kg) |
|-------------|--------------|--------------------|--------------|-------------------------------|-----------------|---------------------|-------------|
| APVRS FF 28 | M 1500 017 | 400 | 28 | | 10 | | |
| APVRS FF 32 | M 1500 010 | 450 | 32 | 220 | 10 | 270 - 315 | 7.040 |
| APVRS FF 36 | M 1500 011 | 500 | 36 | 198 | 10 | 300 - 350 | 7.116 |
| APVRS FF 40 | M 1500 012 | 550 | 40 | 186 | 12 | 330 - 385 | 7.427 |
| APVRS FF 44 | M 1500 013 | 600 | 44 | 176 | 16 | 360 - 420 | 7.739 |
| APVRS FF 48 | M 1500 014 | 650 | 48 | 166 | 16 | 390 - 455 | 7.970 |
| APVRS FF 52 | M 1500 015 | 700 | 52 | 158 | 16 | 420 - 490 | 8.199 |
| APVRS FF 56 | M 1500 016 | 750 | 56 | | 20 | 450 - 525 | |

| OPTIONS FOR APVRS FF | | Article Code | Weight (kg) |
|---|--|--------------|-------------|
|  | Bearing protection <i>(per piece)</i> | E 1500 500 | 1 |
|  | Hydraulic drawbar adjustment with nitrogen damping <i>(+ 1 DW)</i> | E 1500 501 | 25 |
|  | Hydraulic offset drawbar <i>(+ 1 DW)</i> | E 1500 502 | 25 |
|  | Hydraulic frame balancing adjustment <i>(+ 1 DW)</i> | E 1500 503 | 20 |
|  | Side deflector <i>(1 piece)</i> | E 1500 505 | 15 |
|  | Border disc (Outridger) Ø 610 mm <i>(1 piece)</i> | E 1500 506 | 30 |
|  | Rear hitch <i>for attachment of trailing implements</i> | E 1500 507 | 18 |
| | Hydraulic hoses <i>(+ 1 DW)</i> <i>necessary for foldable trailing implements</i> | E 1500 511 | 10 |
|  | Pneumatic brake | E 1500 508 | 50 |
|  | Warning plates and lighting <i>(1 pair)</i> | E 1500 509 | 12 |
|  | Scharmüller K80 ball coupling <i>with adapter (instead of standard coupling)</i> | E 1500 510 | 5 |
|  | Heavy drawbar <i>hydraulically adjustable,</i> <i>required for attachment of a trailing roller!</i> | E 1500 512 | 910 |

Note: For the operation of the heavy disc harrow APVRS FF, the tractor must be equipped with 2 double-acting and 1 single-acting unit.

| TRAILING ROLLERS FOR APVRS FF 2-PART FOLDING | | Article Code | Working width machine (cm) | Working width roller (cm) | Weight roller (kg) |
|---|------------|-----------------|-------------------------------|------------------------------|-----------------------|
|  <p>Bar roller Ø 540 mm 10 bars</p> | E 1500 540 | 450 | 490 | 1.166 | |
| | E 1500 541 | 500 | 530 | 1.261 | |
| | E 1500 542 | 550 | 590 | 1.404 | |
| | E 1500 543 | 600 | 630 | 1.499 | |
| | E 1500 544 | 650 | | | |
| | E 1500 545 | 700 | 750 | 1.785 | |
| | E 1500 546 | 750 | | | |
|  <p>Tube roller Ø 540 mm 9 tubes</p> | E 1500 560 | 450 | 490 | 1.063 | |
| | E 1500 561 | 500 | 530 | 1.150 | |
| | E 1500 562 | 550 | 590 | 1.280 | |
| | E 1500 563 | 600 | 630 | 1.367 | |
| | E 1500 564 | 650 | | | |
| | E 1500 565 | 700 | 750 | 1.628 | |
| | E 1500 566 | 750 | | | |
|  <p>Z-roller Ø 500 mm</p> | E 1500 580 | 450 | 490 | 1.250 | |
| | E 1500 581 | 500 | 530 | 1.352 | |
| | E 1500 582 | 550 | 590 | 1.505 | |
| | E 1500 583 | 600 | 630 | 1.607 | |
| | E 1500 584 | 650 | | | |
| | E 1500 585 | 700 | 750 | 1.913 | |
| | E 1500 586 | 750 | | | |
|  <p>Notched bar roller Ø 600 mm slightly spirally arranged bars</p> | E 1500 660 | 450 | 490 | 1.103 | |
| | E 1500 661 | 500 | 530 | 1.193 | |
| | E 1500 662 | 550 | 590 | 1.328 | |
| | E 1500 663 | 600 | 630 | 1.418 | |
| | E 1500 664 | 650 | | | |
| | E 1500 665 | 700 | 750 | 1.688 | |
| | E 1500 666 | 750 | | | |

Trailing rollers for APVRS FF 28 on request.



Combinable with heavy trailed field rollers (ROLLMOT, ROLLMAX etc.)



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