

# FJ-AGRO ApS

Smedemesteren ApS

FJ-AGRO ApS – a good choice!

We guarantee quality and good trade



## FJ Mobile Irrigation machines

Mobile irrigation machines with high performance, big operation safety, long lifetime, low costs of maintenance and simple operation.



# FJ Irrigation machine

Common for our 4 models of mobile irrigation machines are, that they are produced in the best quality possible. They are done in forceful profiles which are sandblasted, primed and painted. The drum and screens are warm galvanised.



- Forceful composition
- Sturdy undercarriage with big wheels
- Forceful industry rear axle assembly
- Enterprise as needed 10-50m/t
- Gentle roll up
- Effective brake eases the laying out
- Suitable for hilly country
- Suitable for row crops
- Track gauge as desired
- Warm galvanised drum
- Hydraulic brake of drum
- 100mm drum axel with bearings
- Self-tightening double belt drive
- A pulley fixture on wagtail
- Sandblasted, primed and painted
- Hydraulic emergency control of front wheels
- Up to 1100m/110mm hose
- Up to 950m/125mm hose

# Donslund Irrigation machines

A simple, dependable and solid mobile irrigation machine to a strong price.

- Forceful composition
- Sturdy undercarriage with big wheels
- Forceful industry rear axle assembly
- Enterprise as needed 10-50m/t
- Gentle roll up
- Effective brake eases the laying out
- Suitable for hilly country
- Suitable for row crops
- Track gauge as desired
- Warm galvanised drum
- Up to 700m/100mm hose
- Up to 650m/110mm hose



# Quality and good trade

In 1994 Finn Jørgensen started the company Smedemesteren, but has been occupied with the production of irrigation machines since 1984. Because of an increasing export activity Smedemesteren added in 2012 the name FJ-AGRO ApS which is the name that the company gets marketed under today.

| Equipment  | FJ 600 | FJ 750 | FJ 900 | FJ 950 | Donslund |      |         |
|--|--------|--------|--------|--------|----------|------|---------|
|  |        |        |        |        | 1650     | 1800 | 1800 XL |
| Ranger canon w/ 3 nozzles                                | X      | X      | X      | X      | X        | X    | X       |
| Twin 202 canon w/ 3 nozzles                              | ⊙      | ⊙      | ⊙      | ⊙      | ⊙        | ⊙    | ⊙       |
| Stops when over- or under pressure                       | X      | X      | X      | X      | X        | X    | X       |
| Hydraulic brake  | ⊙      | ⊙      | ⊙      | ⊙      | ⊙        | ⊙    | ⊙       |
| Full power cabin   | X      | X      | X      | ⊙      | X        | X    | X       |
| 100mm drum axle with bearings                            | ⊙      | X      | X      | X      | ⊙        | ⊙    | ⊙       |
| Forceful industrial rear axle assembly with differential | X      | X      | X      | X      | X        | X    | X       |
| Self-tightening double belt drive                        | X      | X      | X      | X      | ⊙        | ⊙    | ⊙       |
| Pulley fixture on wagtail                                | X      | X      | X      | X      | X        | X    | X       |
| Warm galvanised drum                                     | X      | X      | X      | X      | X        | X    | X       |
| Sandblasted, primed and painted                          | X      | X      | X      | X      | X        | X    | X       |
| Hydraulic emergency control of front wheel               | ⊙      | X      | X      | X      | ⊙        | ⊙    | ⊙       |
| Program Regn 10  | ⊙      | ⊙      | ⊙      | ⊙      | ⊙        | ⊙    | ⊙       |
| Solar panel battery charger                              | ⊙      | ⊙      | ⊙      | ⊙      | ⊙        | ⊙    | ⊙       |
| Pressure switch  | ⊙      | ⊙      | ⊙      | ⊙      | ⊙        | ⊙    | ⊙       |
| Surveillance   | ⊙      | ⊙      | ⊙      | ⊙      | ⊙        | ⊙    | ⊙       |
| Wide rear wheels 480/657R28/136                          | ⊙      | ⊙      | X      | X      | ⊙        | ⊙    | ⊙       |

X = Standard equipment

⊙ = Extra equipment

| Technical data                         | FJ 600       |       |        | FJ 750       |        | FJ 900 |        | FJ 950 |        | Donslund     |       |         |       |       |
|--|--------------|-------|--------|--------------|--------|--------|--------|--------|--------|--------------|-------|---------|-------|-------|
|  | 100          | 110   | 125    | 110          | 125    | 110    | 125    | 110    | 125    | 1650         | 1800  | 1800 XL |       |       |
| Hose PE, 8 bar. Diameter External (mm) | 100          | 110   | 125    | 110          | 125    | 110    | 125    | 110    | 125    | 100          | 110   | 100     | 110   | 110   |
| Diameter. Internal (mm)                | 84,4         | 93,6  | 104,2  | 93,6         | 104,2  | 93,6   | 104,2  | 93,6   | 104,2  | 84,4         | 93,6  | 84,4    | 93,6  | 93,6  |
| Hose length max. (m)                   | 700          | 600   | 450    | 850          | 650    | 1100   | 800    | 1400   | 950    | 525          | 400   | 700     | 550   | 650   |
| Capacity (m3/t)                        | 25-60        | 25-80 | 30-100 | 30-80        | 30-100 | 30-80  | 30-100 | 30-80  | 30-100 | 25-60        | 25-80 | 25-60   | 25-80 | 25-80 |
| Ranger canon                           | Ranger canon |       |        | Ranger canon |        |        |        |        |        | Ranger canon |       |         |       |       |
| Speed (m/t)                            | 10-50        |       |        | 10-50        |        | 10-50  |        | 10-50  |        | 10-50        |       | 10-50   |       | 10-50 |
| Length (exclusive wagtail) (cm)        | 740          |       |        | 780          |        | 780    |        | 860    |        | 610          |       | 620     |       | 620   |
| Height (cm)                            | 345          |       |        | 401          |        | 401    |        | 420    |        | 330          |       | 358     |       | 378   |
| Width (cm)                             | 230          |       |        | 216          |        | 246    |        | 246    |        | 210          |       | 220     |       | 220   |