

Dieci



PEGASUS CLASSIC

60.16 | 60.21 | 50.25 | 75.25 | 60.26 | 60.30



dieci.com

PERFORMANCE

| | | | | | | |
|--|----------------------|----------------------|----------------------|-----------------------|-----------------------|-----------------------|
| Vehicle model | Pegasus 60.16 | Pegasus 60.21 | Pegasus 50.25 | Pegasus 75.25 | Pegasus 60.26 | Pegasus 60.30 |
| Maximum capacity | 6000 kg (13228 lb) | 6000 kg (13228 lb) | 5000 kg (11023 lb) | 7500 kg (16535 lb) | 6000 kg (13228 lb) | 6000 kg (13228 lb) |
| Maximum lifting height | 16.2 m (53.1 ft) | 20.5 m (67.3 ft) | 24.1 m (79.1 ft) | 24.5 m (80.4 ft) | 25.7 m (84.3 ft) | 29.6 m (97.1 ft) |
| Maximum horizontal extension | 13.7 m (44.9 ft) | 18.1 m (59.4 ft) | 21.5 m (70.5 ft) | 20.7 m (67.9 ft) | 21.9 m (71.9 ft) | 26 m (85.3 ft) |
| Fork swiveling angle | 133° | 133° | 133° | 133° | 133° | 133° |
| Pull-out force | 7400 daN (16636 lbf) | 7400 daN (16636 lbf) | 7400 daN (16636 lbf) |
| Towing force | 9400 daN (21132 lbf) | 9400 daN (21132 lbf) | 9400 daN (21132 lbf) | 10000 daN (22481 lbf) | 10000 daN (22481 lbf) | 10000 daN (22481 lbf) |
| Unladen weight | 17320 kg (38184 lb) | 17700 kg (39022 lb) | 17740 kg (39110 lb) | 21550 kg (47510 lb) | 21000 kg (46297 lb) | 22150 kg (48832 lb) |
| Maximum climb angle | 40 % | 40 % | 40 % | 40 % | 40 % | 40 % |
| Max speed (referred to wheels with maximum permitted diameter) | 40 km/h (24.9 mph) | 40 km/h (24.9 mph) | 40 km/h (24.9 mph) |

BOOM

| | | | | | | |
|------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Vehicle model | Pegasus 60.16 | Pegasus 60.21 | Pegasus 50.25 | Pegasus 75.25 | Pegasus 60.26 | Pegasus 60.30 |
| Getting off the basket | 16.5 s | 13.8 s | 13.8 s | 10.1 s | 9.5 s | 10.1 s |
| Lifting | 24.8 s | 21.9 s | 21.9 s | 16 s | 14.5 s | 16 s |
| Extension | 24.7 s | 31.2 s | 44.4 s | 29 s | 30 s | 29 s |
| Retraction | 11.6 s | 17.4 s | 23.1 s | 14 s | 15 s | 14 s |
| Forward swiveling | 5.7 s | 3.7 s | 3.7 s | 2.1 s | 2.1 s | 2.1 s |
| Reverse swiveling | 2.5 s | 2.3 s | 2.3 s | 1.3 s | 1.3 s | 1.3 s |

ENGINE

| | | | | | | |
|-------------------------------------|---|--|--|--|--|--|
| Vehicle model | Pegasus 60.16 | Pegasus 60.21 | Pegasus 50.25 | Pegasus 75.25 | Pegasus 60.26 | Pegasus 60.30 |
| Brand | Perkins | Perkins | Perkins | FPT | FPT | FPT |
| Nominal power | 100 Kw (134 HP) | 100 Kw (134 HP) | 100 Kw (134 HP) | 125 kW (168 HP) | 125 kW (168 HP) | 125 kW (168 HP) |
| @rpm | 2200 rpm | 2200 rpm | 2200 rpm | 2200 rpm | 2200 rpm | 2200 rpm |
| Peak power | 100 Kw (134 HP) | 100 Kw (134 HP) | 100 Kw (134 HP) | 127 kW (170 HP) | 127 kW (170 HP) | 127 kW (170 HP) |
| @rpm | 2200 rpm | 2200 rpm | 2200 rpm | 1900 rpm | 1900 rpm | 1900 rpm |
| Operation | 4-stroke | 4-stroke | 4-stroke | 4-stroke | 4-stroke | 4-stroke |
| Injection | Electronic, Common Rail | Electronic, Common Rail | Electronic, Common Rail | Electronic, Common Rail | Electronic, Common Rail | Electronic, Common Rail |
| Number and arrangement of cylinders | 4, Vertical in line | 4, Vertical in line | 4, Vertical in line | 4, Vertical in line | 4, Vertical in line | 4, Vertical in line |
| Displacement | 3621 cm ³ (221 in ³) | 3621 cm ³ (221 in ³) | 3621 cm ³ (221 in ³) | 4485 cm ³ (274 in ³) | 4485 cm ³ (274 in ³) | 4485 cm ³ (274 in ³) |
| Consumption | 216 g/kWh (355.32 lb/Hp h) | 216 g/kWh (355.32 lb/Hp h) | 216 g/kWh (355.32 lb/Hp h) | 280 g/kWh (460.60 lb/Hp h) | 280 g/kWh (460.60 lb/Hp h) | 280 g/kWh (460.60 lb/Hp h) |
| @rpm | 1900 rpm | 1900 rpm | 1900 rpm | 1900 rpm | 1900 rpm | 1900 rpm |
| Emission standards | Stage V | Stage V | Stage V | Stage V/Tier 4f | Stage V/Tier 4f | Stage V/Tier 4f |
| Exhaust gas treatment | DOC+DPF+SCR (with AdBlue) | DOC+DPF+SCR (with AdBlue) | DOC+DPF+SCR (with AdBlue) | DOC+SCRoF (AdBlue) | DOC+SCRoF (AdBlue) | DOC+SCRoF (AdBlue) |
| Cooling system | Liquid | Liquid | Liquid | Liquid | Liquid | Liquid |
| Intake | 16-valve turbocharger with aftercooler | 16-valve turbocharger with aftercooler | 16-valve turbocharger with aftercooler | 16-valve turbocharger, aftercooler | 16-valve turbocharger, aftercooler | 16-valve turbocharger, aftercooler |
| Air filter | Air pre-heating and air pre-filtering with dust separator | Air pre-heating and air self-cleaning pre-filter |

TRANSMISSION

| | | | | | | |
|-------------------|---|---|---|---|---|---|
| Vehicle model | Pegasus 60.16 | Pegasus 60.21 | Pegasus 50.25 | Pegasus 75.25 | Pegasus 60.26 | Pegasus 60.30 |
| Transmission type | Hydrostatic with variable displacement pump | Hydrostatic with variable displacement pump | Hydrostatic with variable displacement pump | Hydrostatic with continuous adjustment and electronic control | Hydrostatic with continuous adjustment and electronic control | Hydrostatic with continuous adjustment and electronic control |
| Hydraulic motor | Hydrostatic with continuous automatic adjustment | Hydrostatic with continuous automatic adjustment | Hydrostatic with continuous automatic adjustment |
| Reversal | Electro-Hydraulic operated with vehicle in motion | Electro-Hydraulic operated with vehicle in motion | Electro-Hydraulic operated with vehicle in motion | Electro-Hydraulic | Electro-Hydraulic | Electro-Hydraulic |
| Inching | With electronic pedal for controlled forward movement | With electronic pedal for controlled forward movement | With electronic pedal for controlled forward movement |
| Gearbox | Servo-controlled 2-speed | Servo-controlled 2-speed | Servo-controlled 2-speed | Servo-controlled 2-speed | Servo-controlled 2-speed | Servo-controlled 2-speed |
| Drive mode | - | - | - | Normal, Eco, Creeper. Selectable ECO-WORK. | Normal, Eco, Creeper. Selectable ECO-WORK. | Normal, Eco, Creeper. Selectable ECO-WORK. |

DIFFERENTIAL AXLES

| | | | | | | |
|------------------|---|--|---|---|---|---|
| Vehicle model | Pegasus 60.16 | Pegasus 60.21 | Pegasus 50.25 | Pegasus 75.25 | Pegasus 60.26 | Pegasus 60.30 |
| Type of axles | 2 steering, with 4 epicycloidal reduction gears | 2 steering, with 4 epicycloidal reduction gears | 2 steering, with 4 epicycloidal reduction gears | 2 steering, with 4 epicycloidal reduction gears | 2 steering, with 4 epicycloidal reduction gears | 2 steering, with 4 epicycloidal reduction gears |
| Type of steering | 4 wheels / transversal / 2 wheels | 4 wheels / transversal / 2 wheels | 4 wheels / transversal / 2 wheels | 4 wheels / transversal / 2 wheels | 4 wheels / transversal / 2 wheels | 4 wheels / transversal / 2 wheels |
| Front axle | With transverse leveling device with control in the cab | With transverse leveling device with control in the cab | With transverse leveling device with control in the cab | With transverse leveling device with control in the cab | With transverse leveling device with control in the cab | With transverse leveling device with control in the cab |
| Rear axle | Oscillating with automatic lock | Oscillating with automatic lock | Oscillating with automatic lock | Swinging | Swinging | Swinging |
| Service braking | Oil bath with servo brake on front and rear axle with double hydraulic system | Oil bath on front and rear axles with servo brake with double hydraulic system | Oil bath with servo brake on front and rear axle with double hydraulic system | Oil bath with servo brake on front and rear axle with double hydraulic system | Oil bath with servo brake on front and rear axle with double hydraulic system | Oil bath with servo brake on front and rear axle with double hydraulic system |
| Parking braking | Negative actuation with electronic control | Negative actuation with electrical control | Negative actuation with electrical control | Negative actuation with electrical control | Negative actuation with electrical control | Negative actuation with electrical control |

HYDRAULIC SYSTEM

| | | | | | | |
|-------------------------|---|---|---|---|---|---|
| Vehicle model | Pegasus 60.16 | Pegasus 60.21 | Pegasus 50.25 | Pegasus 75.25 | Pegasus 60.26 | Pegasus 60.30 |
| Hydraulic pump type | Variable displacement pump with Load Sensing for power steering and movements. Gear pump for auxiliary services. | Variable displacement pump with Load Sensing for power steering and movements. Gear pump for auxiliary services. | Variable displacement pump with Load Sensing for power steering and movements. Gear pump for auxiliary services. | Variable displacement pump with Load Sensing for power steering and movements | Variable displacement pump with Load Sensing for power steering and movements | Variable displacement pump with Load Sensing for power steering and movements |
| Hydraulic pump capacity | 190 l/min (50.2 gal/min) | 190 l/min (50.2 gal/min) | 190 l/min (50.2 gal/min) | 290 l/min (76.6 gal/min) | 290 l/min (76.6 gal/min) | 290 l/min (76.6 gal/min) |
| Max. operating pressure | 30 MPa (4351 psi) | 30 MPa (4351 psi) | 30 MPa (4351 psi) | 30 MPa (4351 psi) | 30 MPa (4351 psi) | 30 MPa (4351 psi) |
| Distributor control | Proportional 5in1 Joystick | Proportional 5in1 Joystick | Proportional 5in1 Joystick | Dual proportional Joystick | Dual proportional Joystick | Dual proportional Joystick |
| Distributor type | Hydraulic in 5 sections with "Load Sensing" proportional electronic servo-control with "Flow Sharing", 5 simultaneous movements with independent maximum speed control of each movement. Continuous oil function on hydraulic socket. | Hydraulic in 5 sections with "Load Sensing" proportional electronic servo-control with "Flow Sharing", 5 simultaneous movements with independent maximum speed control of each movement. Continuous oil function on hydraulic socket. | Hydraulic in 5 sections with "Load Sensing" proportional electronic servo-control with "Flow Sharing", 5 simultaneous movements with independent maximum speed control of each movement. Continuous oil function on hydraulic socket. | Hydraulic in 5 sections with "Load Sensing" proportional electronic servo-control with "Flow Sharing", 5 simultaneous movements with independent maximum speed control of each movement | Hydraulic in 5 sections with "Load Sensing" proportional electronic servo-control with "Flow Sharing", 5 simultaneous movements with independent maximum speed control of each movement | Hydraulic in 5 sections with "Load Sensing" proportional electronic servo-control with "Flow Sharing", 5 simultaneous movements with independent maximum speed control of each movement |
| Outriggers | 4 independent outriggers with hydraulic lowering | 4 independent outriggers with hydraulic lowering | 4 independent outriggers with hydraulic lowering | 4 with proportional control and independent from the cab | 4 with proportional control and independent from the cab | 4 with proportional control and independent from the cab |

FILLING

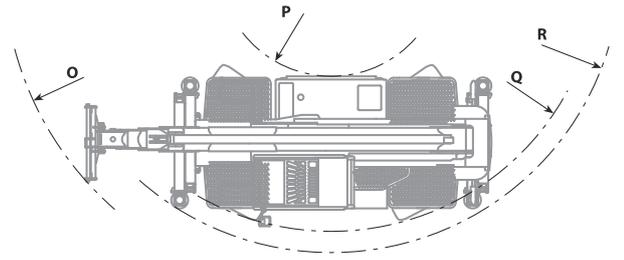
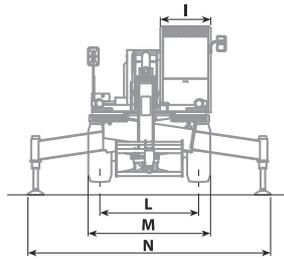
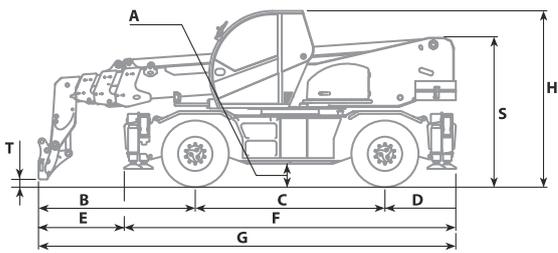
| | | | | | | |
|--------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Vehicle model | Pegasus 60.16 | Pegasus 60.21 | Pegasus 50.25 | Pegasus 75.25 | Pegasus 60.26 | Pegasus 60.30 |
| Hydraulic system (total) | 270 l (71.33 gal) | 270 l (71.33 gal) | 270 l (71.33 gal) | 320 l (84.54 gal) | 320 l (84.54 gal) | 320 l (84.54 gal) |
| Diesel tank | 180 l (47.55 gal) | 180 l (47.55 gal) | 180 l (47.55 gal) | 220 l (58.12 gal) | 220 l (58.12 gal) | 220 l (58.12 gal) |
| AdBlue tank | 19 l (5.02 gal) | 19 l (5.02 gal) | 19 l (5.02 gal) | 35 l (9.25 gal) | 35 l (9.25 gal) | 35 l (9.25 gal) |

TYRES

| | | | | | | |
|----------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Vehicle model | Pegasus 60.16 | Pegasus 60.21 | Pegasus 50.25 | Pegasus 75.25 | Pegasus 60.26 | Pegasus 60.30 |
| Standard tires | 18R22.5" | 18R22.5" | 18R22.5" | 18R22.5" | 18R22.5" | 18R22.5" |

DIMENSIONS

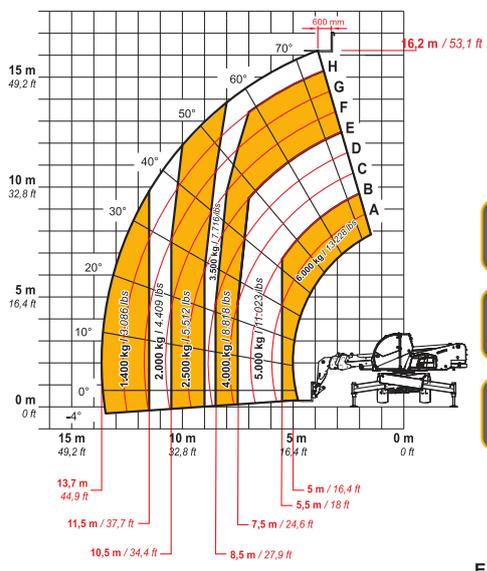
| Vehicle model | Pegasus 60.16 | Pegasus 60.21 | Pegasus 50.25 | Pegasus 75.25 | Pegasus 60.26 | Pegasus 60.30 |
|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| A | 360 mm (14.2 in) | 360 mm (14.2 in) | 360 mm (14.2 in) | 420 mm (16.5 in) | 420 mm (16.5 in) | 420 mm (16.5 in) |
| B | 2657 mm (104.6 in) | 2835 mm (111.6 in) | 3410 mm (134.3 in) | 2930 mm (115.4 in) | 3239 mm (127.5 in) | 3230 mm (127.2 in) |
| C | 2950 mm (116.1 in) | 2950 mm (116.1 in) | 2950 mm (116.1 in) | 3300 mm (129.9 in) | 3240 mm (127.6 in) | 3300 mm (129.9 in) |
| D | 1364 mm (53.7 in) | 1365 mm (53.7 in) | 1640 mm (64.6 in) | 1870 mm (73.6 in) | 1870 mm (73.6 in) | 1870 mm (73.6 in) |
| E | 1486 mm (58.5 in) | 1665 mm (65.6 in) | 2240 mm (88.2 in) | 1655 mm (65.2 in) | 1370 mm (53.9 in) | 1955 mm (77.0 in) |
| F | 5290 mm (208.3 in) | 5290 mm (208.3 in) | 5290 mm (208.3 in) | 6040 mm (237.8 in) | 6040 mm (237.8 in) | 6040 mm (237.8 in) |
| G | 6970 mm (274.4 in) | 7150 mm (281.5 in) | 8000 mm (315.0 in) | 8100 mm (318.9 in) | 8409 mm (331.1 in) | 8400 mm (330.7 in) |
| H | 3030 mm (119.3 in) | 3030 mm (119.3 in) | 3030 mm (119.3 in) | 3095 mm (121.9 in) | 3095 mm (121.9 in) | 3095 mm (121.9 in) |
| I | 980 mm (38.6 in) |
| L | 1920 mm (75.6 in) | 1920 mm (75.6 in) | 1920 mm (75.6 in) | 2000 mm (78.7 in) | 2000 mm (78.7 in) | 2000 mm (78.7 in) |
| M | 2380 mm (93.7 in) | 2380 mm (93.7 in) | 2380 mm (93.7 in) | 2500 mm (98.4 in) | 2500 mm (98.4 in) | 2500 mm (98.4 in) |
| N | 5070 mm (199.6 in) | 5070 mm (199.6 in) | 5070 mm (199.6 in) | 5625 mm (221.5 in) | 5625 mm (221.5 in) | 5625 mm (221.5 in) |
| O | 5489 mm (216.1 in) | 5630 mm (221.7 in) | 6000 mm (236.2 in) | 5830 mm (229.5 in) | 5360 mm (211.0 in) | 5960 mm (234.6 in) |
| P | 1700 mm (66.9 in) | 1700 mm (66.9 in) | 1700 mm (66.9 in) | 1535 mm (60.4 in) | 1535 mm (60.4 in) | 1535 mm (60.4 in) |
| Q | 4430 mm (174.4 in) | 4430 mm (174.4 in) | 4430 mm (174.4 in) | 4400 mm (173.2 in) | 4400 mm (173.2 in) | 4400 mm (173.2 in) |
| R | 4790 mm (188.6 in) | 4790 mm (188.6 in) | 4790 mm (188.6 in) | 4915 mm (193.5 in) | 4915 mm (193.5 in) | 4915 mm (193.5 in) |
| S | 2581 mm (101.6 in) | 2556 mm (100.6 in) | 2651 mm (104.4 in) | 2752 mm (108.3 in) | 2752 mm (108.3 in) | 2752 mm (108.3 in) |
| T | 124 mm (4.9 in) | 119 mm (4.7 in) | 85 mm (3.3 in) | 90 mm (3.5 in) | 131 mm (5.2 in) | 90 mm (3.5 in) |



MAX
6000 kg / 13.228 lb



DOC10001241



- 360°
- (100%)
-

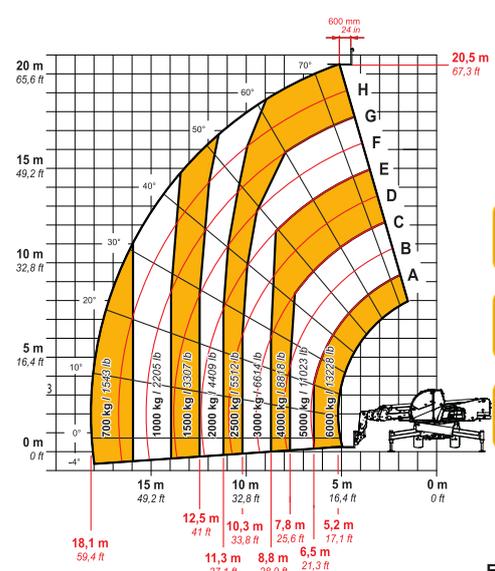
60.16

EN1459-2

MAX
6000 kg / 13228 lb



DOC10001119



- 360°
- (100%)
-

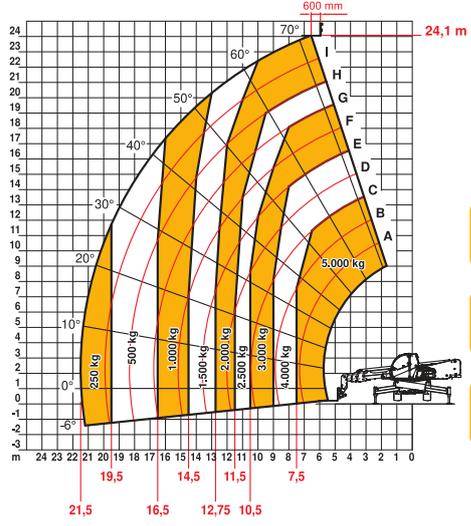
60.21

EN1459-2

MAX
5000 kg



DOC10001304



- 360°
- (100%)
-

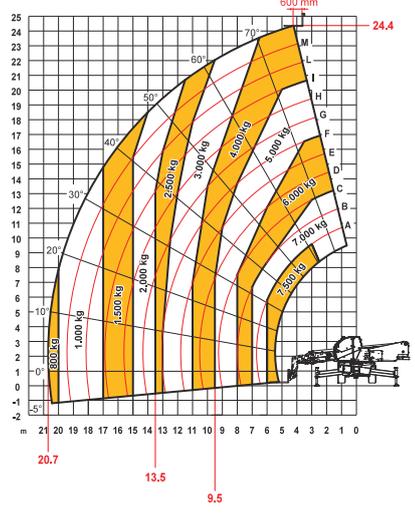
50.25

EN1459-2

MAX
7500 kg



DOC10001768



- 360°
- (100%)
-

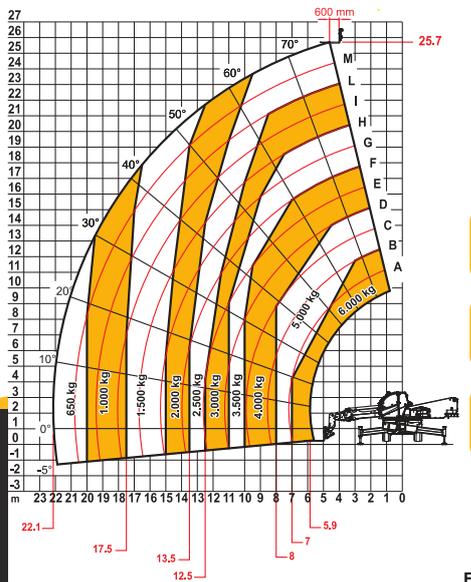
75.25

EN1459

MAX
6000 kg



DOC10001748



- 360°
- (100%)
-

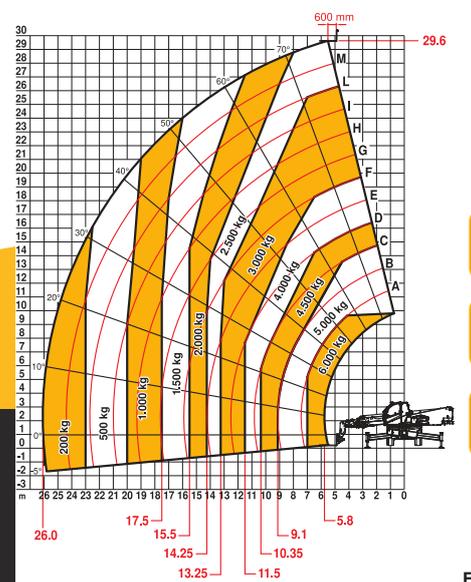
60.26

EN1459-2

MAX
6000 kg



DOC10001760



- 360°
- (100%)
-

60.30

EN1459-2